

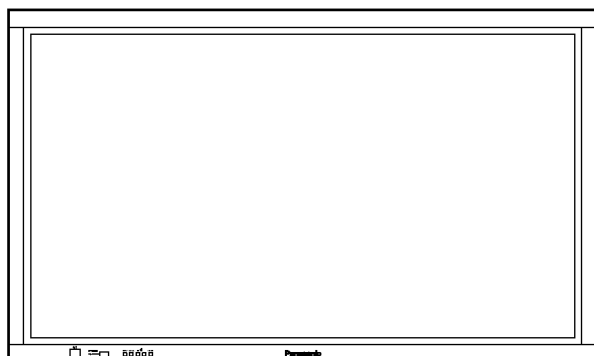
Service Manual

High Definition Plasma Display

TH-65PF9BK

TH-65PF9EK

GPF9D Chassis



Specifications

Power Source	220-240 V AC, 50 / 60Hz
Power Consumption	
Power on	725 W
Stand-by condition	Save OFF 1.2 W, Save ON 1.0 W
Power off condition	0.3 W
Plasma Display panel	Drive method: AC type 65-inch, 16:9 aspect ratio
Screen size	56.5" (1,434 mm) (W) × 31.8" (807 mm) (H) × 65" (1,646 mm) (diagonal)
(No. of pixels)	2,073,600 (1,920 (W) × 1,080 (H)) [5,760 × 1,080 dots]
Operating condition	
Temperature	32 °F - 104 °F (0 °C - 40 °C)
Humidity	20 % - 80 %
Applicable signals	
Color System	NTSC, PAL, PAL60, SECAM, Modified NTSC
Scanning format	525 (480) / 60i • 60p, 625 (575) / 50i • 50p, 750 (720) / 60p • 50p, 1125 (1080) / 60i • 60p • 50i • 50p • 24p • 25p • 30p • 24sF SMPTE274M, 1250 (1080) / 50i
PC signals	VGA, SVGA, XGA, SXGA, UXGA (compressed) Horizontal scanning frequency 15 - 110 kHz Vertical scanning frequency 48 - 120 Hz
Connection terminals	
DVI-D	Video Input DVI-D 24 Pin × 1 compliance with DVI Revision 1.0
	Audio Input Stereo mini jack (M3) × 1 0.5Vrms
	Content Protection Compatible with HDCP 1.1
COMPONENT / RGB	Y / G (BNC) Y or G with / sync 1.0 Vp-p (75-ohm) P _B / B (BNC), P _R / R (BNC) 0.7 Vp-p (75-ohm) AUDIO IN (RCA PIN JACK × 2) 0.5 Vrms

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PC	(HIGH-DENSITY Mini D-SUB 15PIN)	Y or G with / sync 1.0 Vp-p (75-ohm) Y or G without / sync 0.7 Vp-p (75-ohm) B / P _B / C _B :0.7 Vp-p (75-ohm) R / P _R / C _R :0.7 Vp-p (75-ohm) HD / VD:1.0 - 5.0 Vp-p (high impedance) with / picture 1.0 Vp-p (high impedance) without / picture 0.3 Vp-p (high impedance)
	VBS (use HD port)	0.5 Vrms
SERIAL	AUDIO IN (M3 JACK)	RS-232C COMPATIBLE
SPEAKERS (8Ω)	EXTERNAL CONTROL TERMINAL (D-SUB 9PIN)	
	20 W [10 W + 10 W] (10 % THD)	
Accessories Supplied		
Remote Control Transmitter	EUR7636090R	
Batteries	2 × R6 Size	
Fixing bands	(TMME203 or TMME187) × 2	
Dimensions (W × H × D)	1,554 mm × 925 mm × 99 mm (excluding handle portion)	
Mass (weight)		
main unit only	approx. 74.0 kg net	
with speakers	approx. 78.4 kg	

Notes:

- Design and specifications are subject to change without notice. Mass and dimensions shown are approximate.

**WARNING**

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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1 Applicable signals

Applicable input signals for Component / RGB, Mini D-sub 15P (Component / RGB), DVI-D (* Mark)

	Signal name	Horizontal frequency (kHz)	Vertical frequency (Hz)	Component / RGB / Mini D-sub 15P (Component / RGB)	DVI-D
1	525 (480) / 60i	15.73	59.94	*	
2	525 (480) / 60p	31.47	59.94	* *1	*
3	625 (575) / 50i	15.63	50.00	*	
4	625 (575) / 50p	31.25	50.00	*	
5	626 (576) / 50p	31.25	50.00		*
6	750 (720) / 60p	45.00	60.00	*	*
7	750 (720) / 50p	37.50	50.00	*	*
8	1,125 (1,080) / 60p	67.50	60.00	*	*
9	1,125 (1,080) / 60i	33.75	60.00	*	*
10	1,125 (1,080) / 50p	56.26	50.00	*	*
11	1,125 (1,080) / 50i	28.13	50.00	*	*
12	1,125 (1,080) / 24sF	27.00	47.92	*	
13	1,125 (1,080) / 30p	33.75	30.00	*	
14	1,125 (1,080) / 25p	28.13	25.00	*	
15	1,125 (1,080) / 24p	27.00	24.00	*	
16	1,250 (1,080) / 50i	31.25	50.00	*	
17	640 × 400 @70 Hz	31.46	70.07	*	
18	640 × 480 @60 Hz	31.47	59.94	* *2	*
19	640 × 480 @72 Hz	37.86	72.81	*	
20	640 × 480 @75 Hz	37.50	75.00	*	
21	640 × 480 @85 Hz	43.27	85.01	*	
22	800 × 600 @56 Hz	35.16	56.25	*	
23	800 × 600 @60 Hz	37.88	60.32	*	*
24	800 × 600 @72 Hz	48.08	72.19	*	
25	800 × 600 @75 Hz	46.88	75.00	*	
26	800 × 600 @85 Hz	53.67	85.06	*	
27	852 × 480 @60 Hz	31.47	59.94	* *2	*
28	1,024 × 768 @50 Hz	39.55	50.00		*
29	1,024 × 768 @60 Hz	48.36	60.00	*	*
30	1,024 × 768 @70 Hz	56.48	70.07	*	
31	1,024 × 768 @75 Hz	60.02	75.03	*	
32	1,024 × 768 @85 Hz	68.68	85.00	*	
33	1,066 × 600 @60 Hz	37.88	60.32	*	*
34	1,152 × 864 @60 Hz	53.70	60.00		*
35	1,152 × 864 @75 Hz	67.50	75.00	*	
36	1,280 × 960 @60 Hz	60.00	60.00	*	
37	1,280 × 960 @85 Hz	85.94	85.00	*	
38	1,280 × 1,024 @60 Hz	63.98	60.02	*	*
39	1,280 × 1,024 @75 Hz	79.98	75.03	*	
40	1,280 × 1,024 @85 Hz	91.15	85.02	*	
41	1,366 × 768 @50 Hz	39.55	50.00		*
42	1,366 × 768 @60 Hz	48.36	60.00	*	*
43	1,400 × 1,050 @60 Hz	65.22	60.00		*
44	1,600 × 1,200 @60 Hz	75.00	60.00	*	*
45	1,600 × 1,200 @65 Hz	81.25	65.00	*	
46	1,920 × 1,200 @60 Hz	74.04	59.95		*
47	Macintosh13" (640 × 480)	35.00	66.67	*	
48	Macintosh16" (832 × 624)	49.72	74.54	*	
49	Macintosh21" (1,152 × 870)	68.68	75.06	*	

*1: When selected the RGB format and 525p signal input to the Mini D-sub 15P terminal, it is recognized as VGA 60Hz signal.

*2: When inputted VGA 60Hz format signal from the other than Mini D-sub 15P terminal, it is recognized as 525p signal.

Note: Signals without above specification may not be displayed properly.

2 Safety Precautions

2.1. General Guidelines

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

2.2. Touch-Current Check

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a measuring network for touch currents between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use Leakage Current Tester (Simpson 228 or equivalent) to measure the potential across the measuring network.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reserve the AC plug in the AC outlet and repeat each of the above measure.
6. The potential at any point (TOUGH CURRENT) expressed as voltage U_1 and U_2 , does not exceed the following values:

For a. c.: $U_1 = 35$ V (peak) and $U_2 = 0.35$ V (peak);

For d. c.: $U_1 = 1.0$ V,

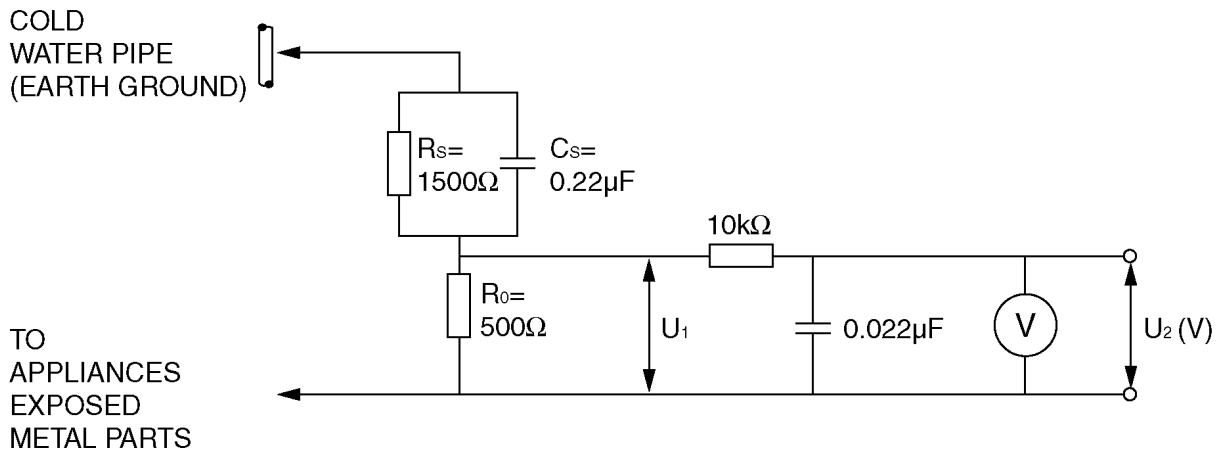
Note:

The limit value of $U_2 = 0.35$ V (peak) for a. c. and $U_1 = 1.0$ V for d. c. correspond to the values 0.7 mA (peak) a. c. and 2.0 mA d. c.

The limit value $U_1 = 35$ V (peak) for a. c. correspond to the value 70 mA (peak) a. c. for frequencies greater than 100 kHz.

7. In case a measurement is out of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

Measuring network for TOUCH CURRENTS



Resistance values in ohms (Ω)

V: Voltmeter or oscilloscope
(r.m.s. or peak reading)

Input resistance: ≥ 1 M Ω

Input capacitance: ≤ 200 pF

Frequency range: 15 Hz to 1 MHz and d.c. respectively

NOTE - Appropriate measures should be taken to obtain the correct value in case of non-sinusoidal waveforms.

Figure 1

3 Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electro static discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder Remove device. Some solder Remove devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

Caution

Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by  in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

4 About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.

The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).

That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

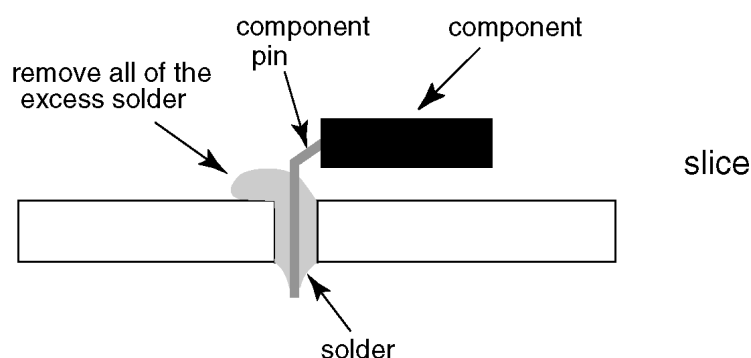
PCBs manufactured using lead free solder will have the PbF within a leaf Symbol  stamped on the back of PCB.

Caution

- Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40 °C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).

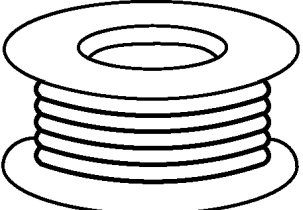
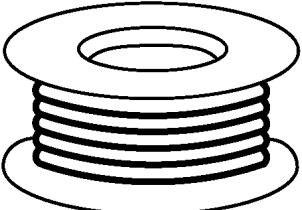
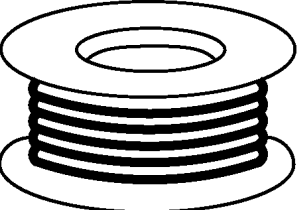
If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.

- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



Suggested Pb free solder

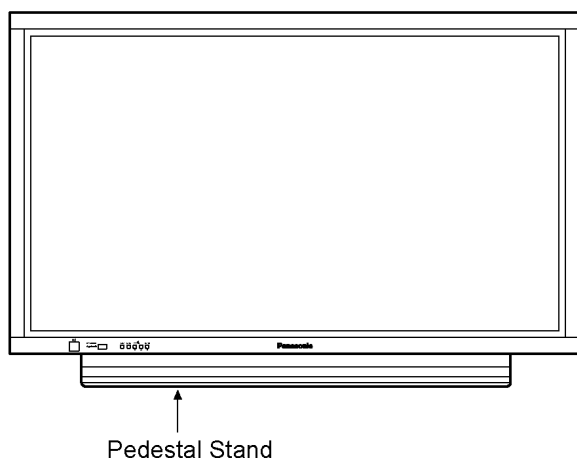
There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.

0.3mm X 100g	0.6mm X 100g	1.0mm X 100g
		

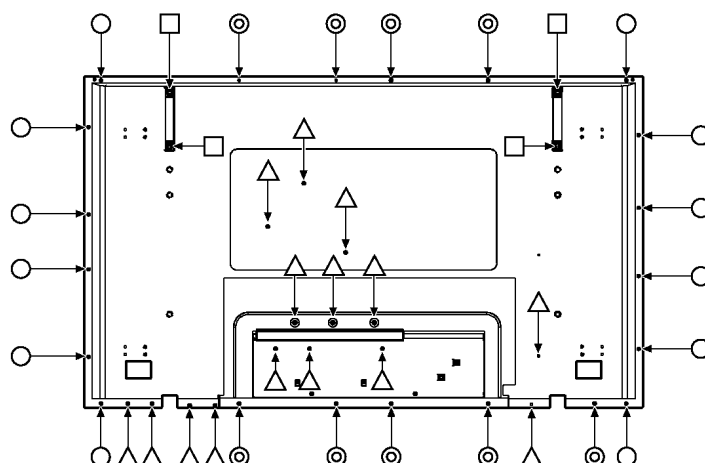
5 Service Hint

[How to set the plasma unit for servicing]

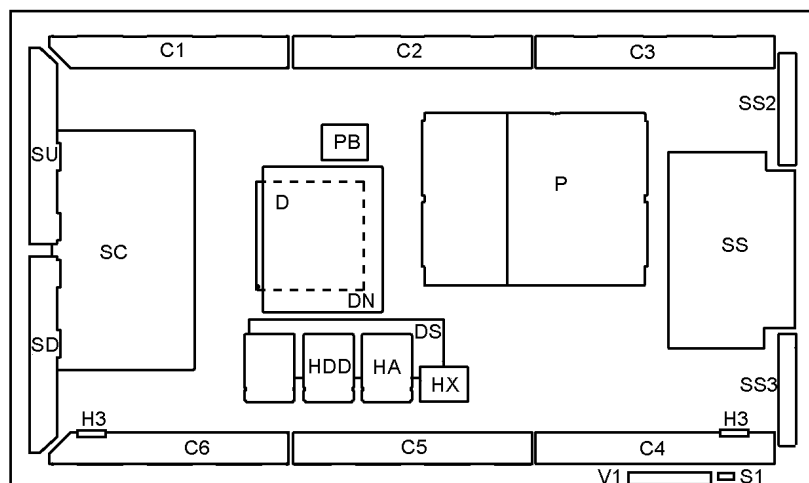
Place the plasma unit on the pedestal stand.
(Optional Accessory)



Remove the Back Cover.



Remove : 15 screws (△) THEL0429
4 screws (□) XYN8+F30FJK
12 screws (○) XYN4+F38FJK
9 screws (◎) XYN4+F10FJK



Board Name	Function	Board Name	Function
D	Digital Signal Processor, Format Converter, Plasma AI Processor	C4	Data Drive (Lower Left)
DS	Slot Interface (Audio / Video / Sync Input Switch), SYNC Processor, Audio Processor, Speaker Out Amplifier, DC-DC Converter	C5	Data Drive (Lower Center)
SS	Sustain Drive	C6	Data Drive (Lower Right)
SC	Scan Drive	H3	Speaker Terminal
SU	Scan Out (Upper)	S1	Power Switch
SD	Scan Out (Lower)	SS2	Sustain Out (Upper)
C1	Data Drive (Upper Right)	SS3	Sustain Out (Lower)
C2	Data Drive (Upper Center)	V1	LED (Stand-By / Power On) & Remote Receiver, Key Scan
C3	Data Drive (Upper Left)	PB	Fan Control
		P	Line Filter, Power Supply
		HX	PC / RS-232C
		HA	BNC Component Video
		DN	Digital Signal Processor, Micon
		HDD	DVI-D Terminal

Note:

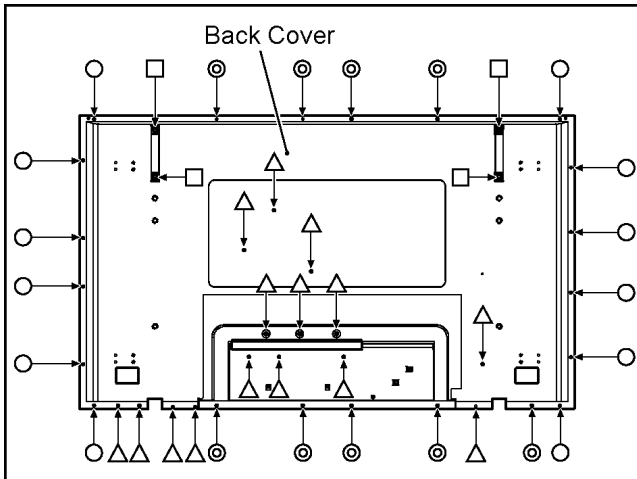
Extension cable kit for Slot Board is supplied as service fixtures and tools.
(Part No. TZSC07040)

6 Disassembly

- To disassemble P.C.B., wait for 1 minute after power was off for discharge from electrolysis capacitors.
- $\blacktriangle$ and $\triangle$ marks indicate screw positions.

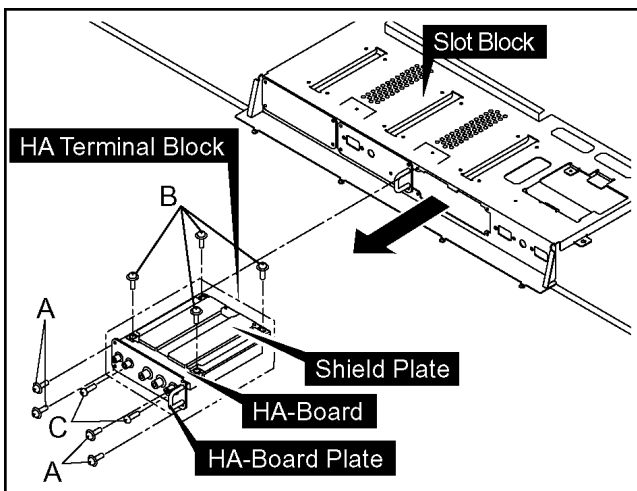
6.1. Removal of the Back Cover

1. Remove the screws ($\times 9$ $\odot$, $\times 12$ $\circ$, $\times 15$ $\triangle$, $\times 4$ $\square$) and then remove the Back Cover.



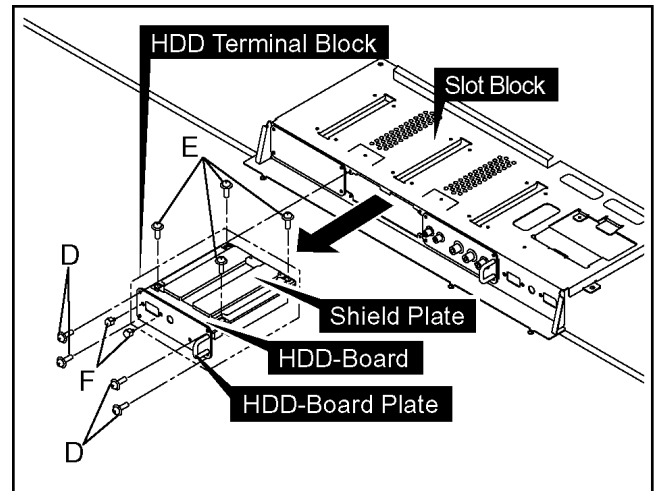
6.2. Removal of the HA-Board

1. Remove the 4 screws (A) and then remove the HA Terminal Block.
2. Remove the 4 screws (B).
3. Remove the 2 screws (C) and then remove the HA-Board.



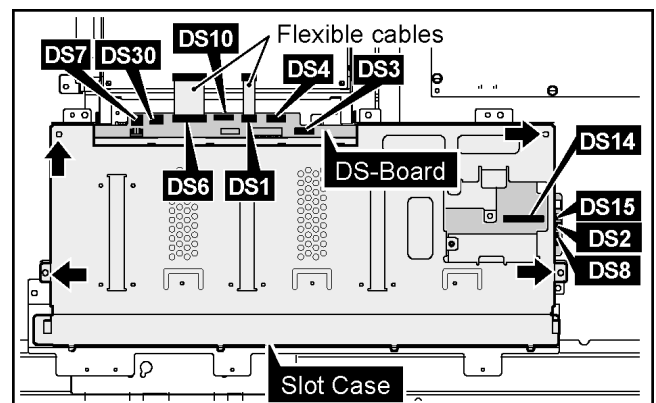
6.3. Removal of the HDD-Board

1. Remove the 4 screws (D) and then remove the HDD Terminal Block.
2. Remove the 4 screws (E).
3. Remove the 2 Hexagonal-Head screws (F) and then remove the HDD-Board.

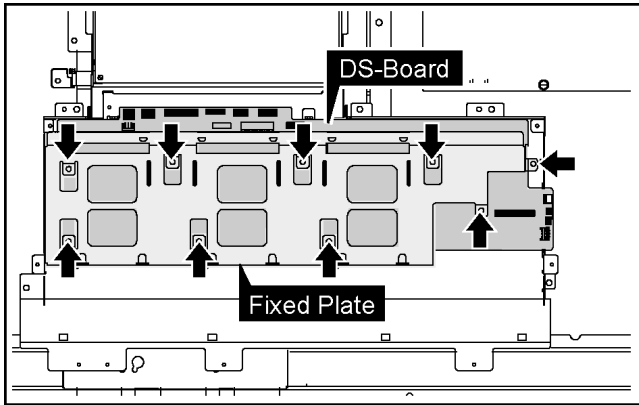


6.4. Removal of the DS-Board

1. Remove the HA Terminal Block and the HDD Terminal Block.
(Reference to Removal of the HA-Board and the HDD-Board)
2. Remove the flexible cables from the couplers (DS1, DS6).
3. Disconnect the couplers (DS2, DS3, DS4, DS7, DS8, DS10, DS14, DS15, DS30).
4. Remove the 4 screws and then remove the Slot Case.

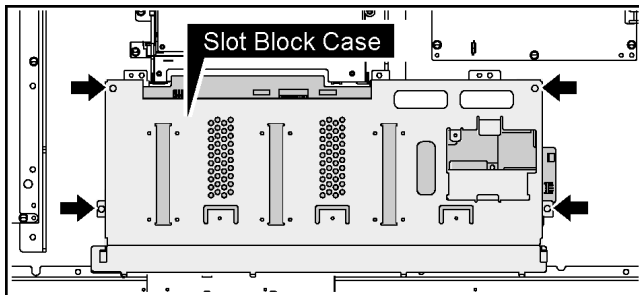


- Remove the 9 screws and then remove the DS-Board and Fixed Plate.

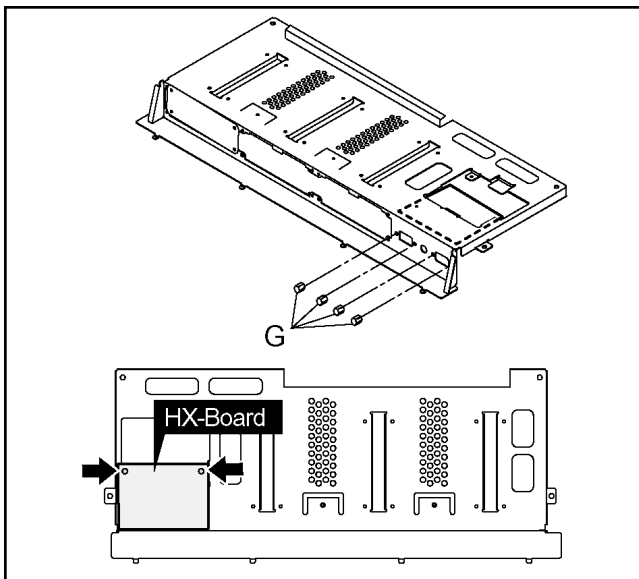


6.5. Removal of the HX-Board

- Remove the HA Terminal Block and the HDD Terminal Block.
(Reference to Removal of the HA-Board and the HDD-Board)
- Remove the 4 screws and then remove the Slot Block Case.

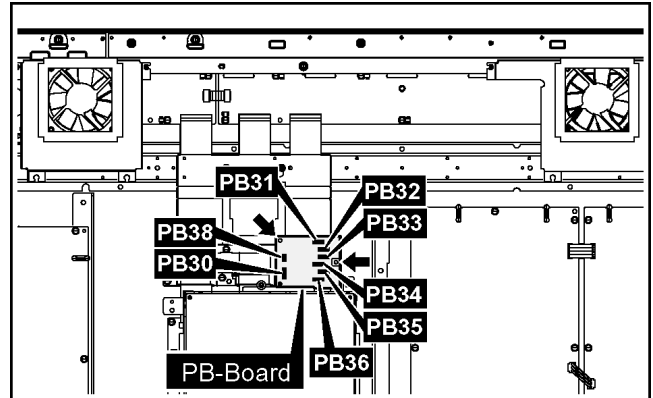


- Remove the 4 Hexagonal-Head screws (G) and the 2 screws of the HX-Board and then remove the HX-Board.



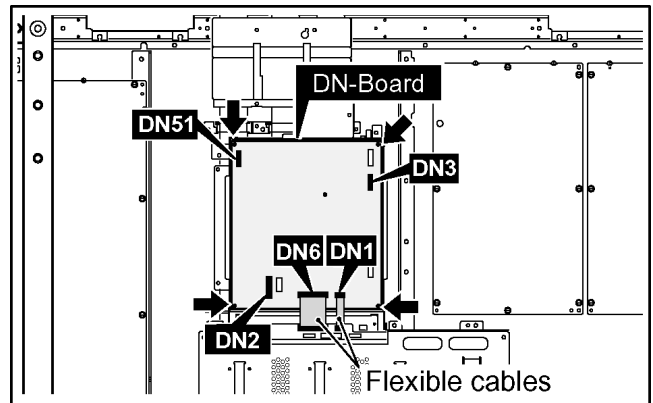
6.6. Removal of the PB-Board

- Disconnect the couplers (PB30, PB31, PB32, PB33, PB34, PB35, PB36, PB38).
- Remove the 2 screws and then remove the PB-Board.



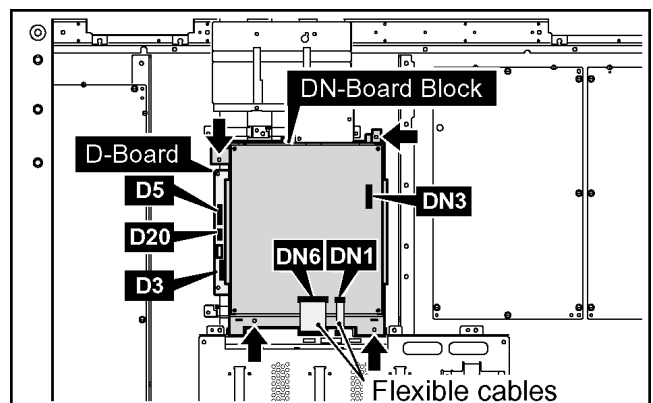
6.7. Removal of the DN-Board

- Remove the flexible cables from the couplers (DN1, DN6).
- Disconnect the couplers (DN2, DN3, DN51).
- Remove the 4 screws and then remove the DN-Board.

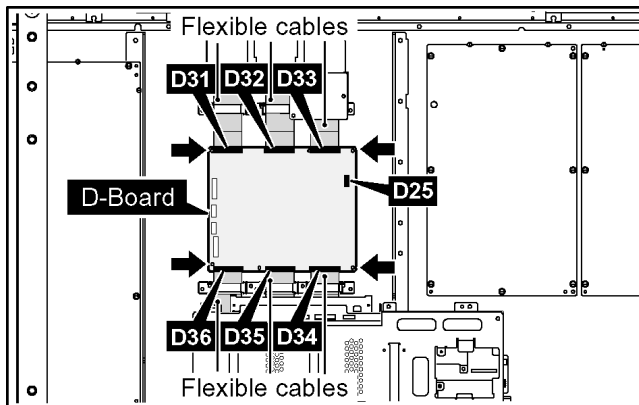


6.8. Removal of the D-Board

- Remove the PB-Board. (Reference to Removal of the PB-Board)
- Remove the flexible cables from the couplers (DN1, DN6).
- Disconnect the couplers (D3, D5, D20, DN3).
- Remove the 4 screws and then remove the DN-Board Block.



5. Disconnect the coupler(D25).
6. Remove the flexible cables from the couplers (D31, D32, D33, D34, D35, D36).
7. Remove the 4 screws and then remove the D-Board.

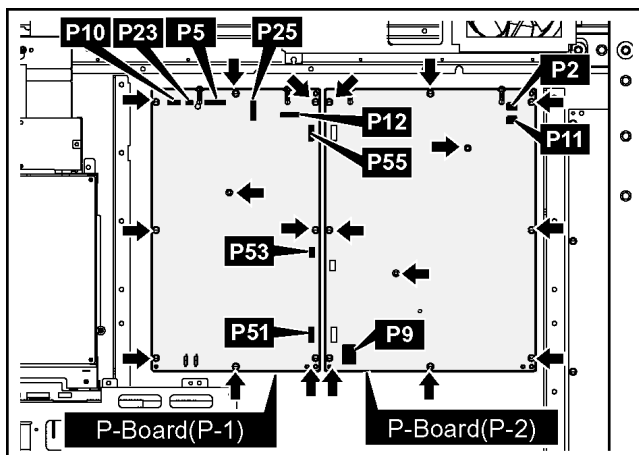


6.9. Removal of the P-Board

Please exchange fuse (F1601,F1602) at the same time when you exchange P-Board.

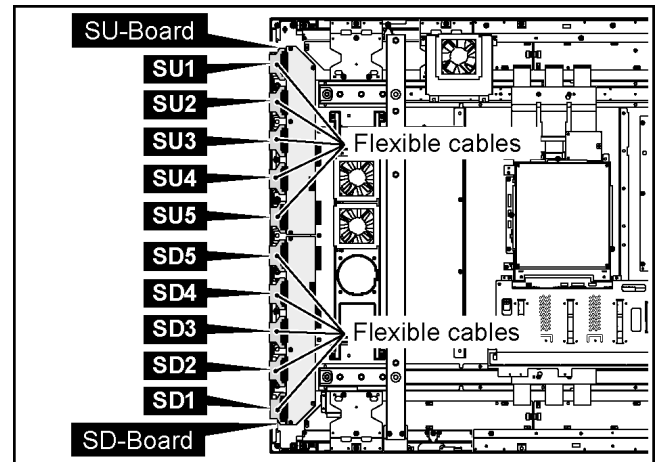
The fuse is not bundled to P-Board for the repair.

1. Disconnect the couplers (P2, P5, P9, P10, P11, P12, P23, P25, P51, P53, P55).
2. Remove the 19 screws and then remove the P-Board.

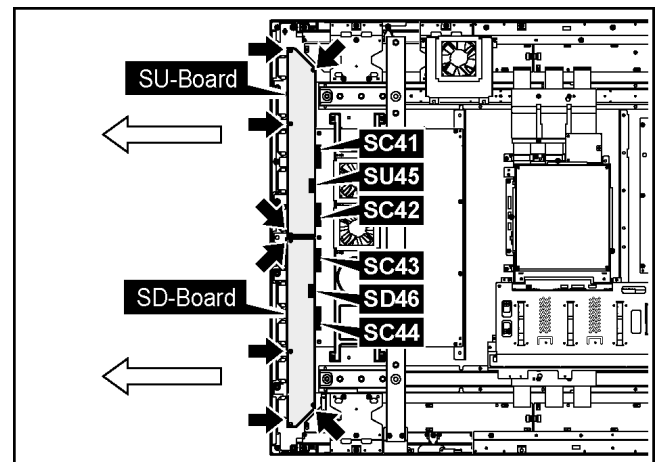


6.10. Removal of the SU-Board and the SD-Board

1. Remove the flexible cables from the couplers (SU1, SU2, SU3, SU4, SU5, SD1, SD2, SD3, SD4, SD5).



2. Disconnect the couplers (SU45, SD46).
3. Remove the each 4 screws.
4. Slide the SU-Board and the SD-Board to the left, remove the SU-Board and the SD-Board from the couplers (SC41, SC42, SC43, SC44).

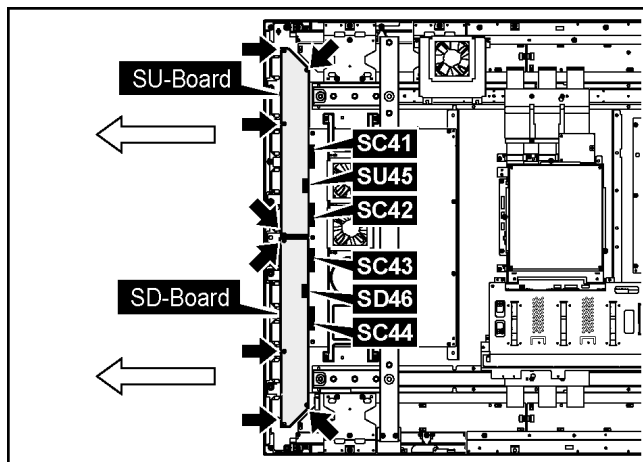


Note:

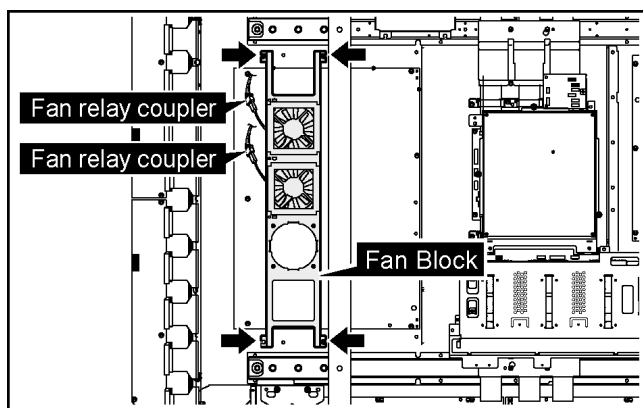
The handling of a connector connecting with SC45-SU45 and SC46-SD46 must note enough.
(DISCONNECTION and TRANSFORMATION,etc.)

6.11. Removal of the SC-Board

1. Disconnect the couplers (SU45, SD46).
2. Remove the each 4 screws.
3. Slide the SU-Board and the SD-Board to the left, remove the SU-Board and the SD-Board from the couplers (SC41, SC42, SC43, SC44).



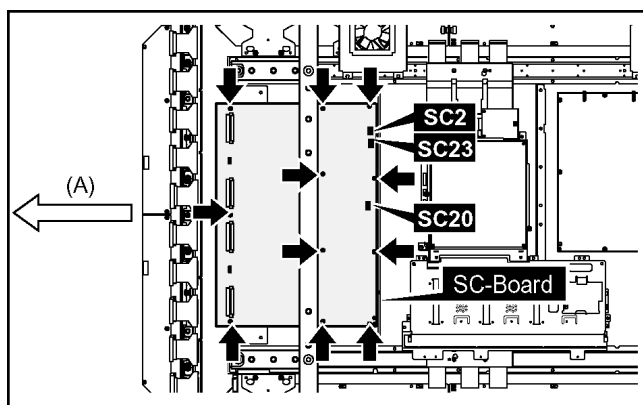
4. Disconnect the 2 fan relay couplers.
5. Remove the each 4 screws and then remove the Fan Block.



6. Disconnect the couplers (SC2, SC20, SC23).
7. Remove the 10 screws of the SC-Board and slide the SC-Board in the direction of the arrow (A) and then remove the SC-Board.

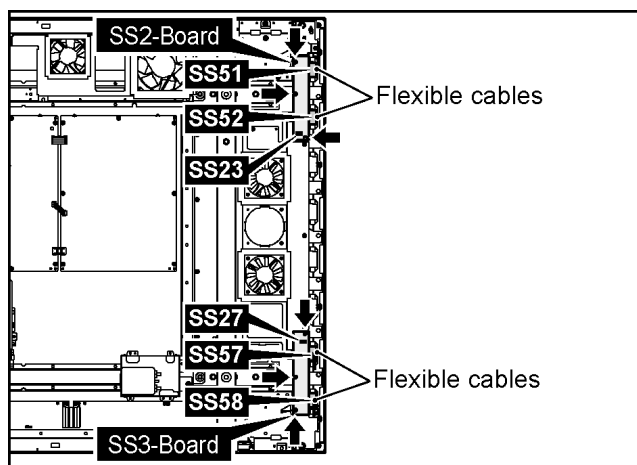
Note:

Remove the SC-Board not to damage the flexible cables of the SU-Board and the SD-Board, parts on the SC-Board.



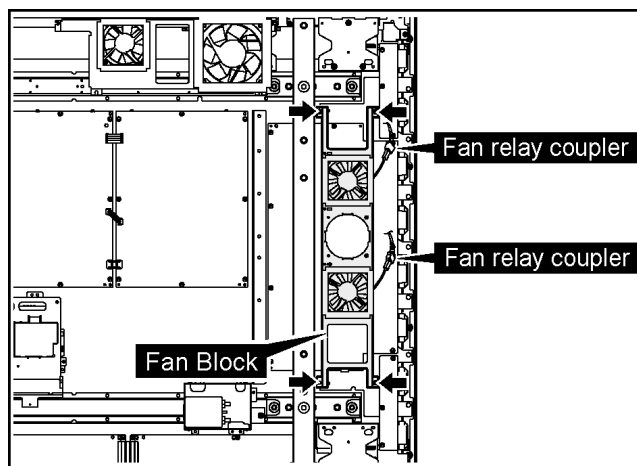
6.12. Removal of the SS2-Board and the SS3-Board

1. Disconnect the coupler (SS23).
2. Remove the flexible cables from the couplers (SS51, SS52).
3. Disconnect the coupler (SS27).
4. Remove the flexible cables from the couplers (SS57, SS58).
5. Remove the each 3 screws and then remove the SS2-Board and the SS3-Board.



6.13. Removal of the SS-Board

1. Disconnect the 2 fan relay couplers.
2. Remove the 4 screws and then remove the Fan Block.

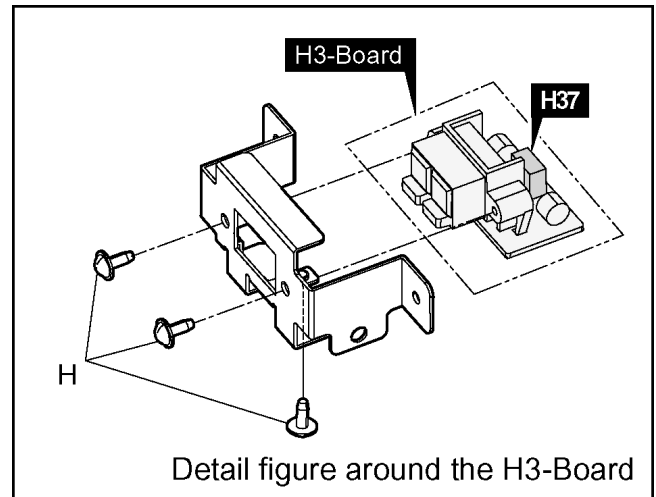
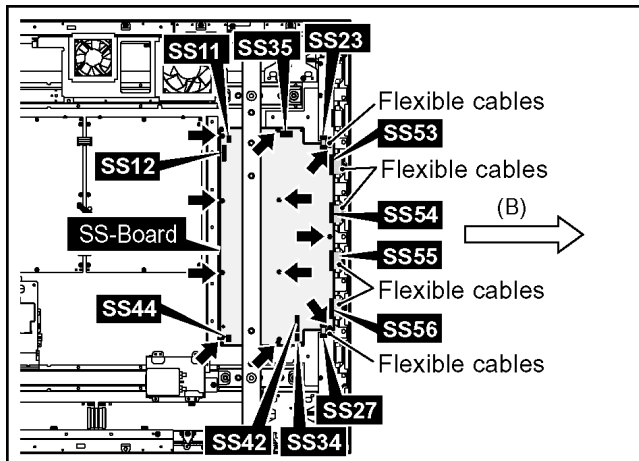


3. Disconnect the couplers (SS11, SS12, SS23, SS27, SS34, SS35, SS42, SS44).
4. Remove the flexible cables from the couplers (SS53, SS54, SS55, SS56).

5. Remove the 11 screws of the SS-Board and slide the SS-Board in the direction of the arrow (B) and then remove the SS-Board.

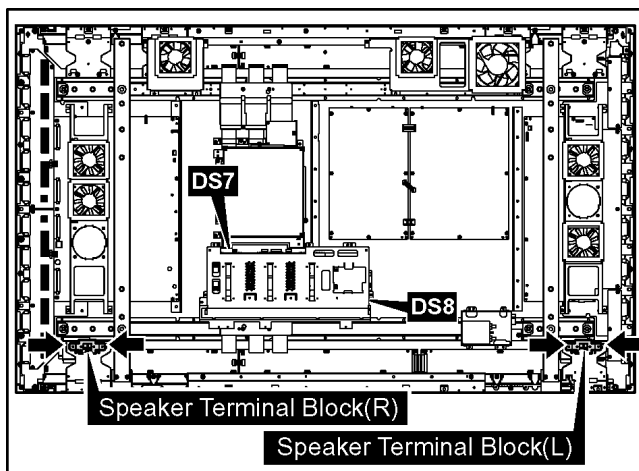
Note:

Remove the SS-Board not to damage the flexible cables of the Plasma Panel and parts on the SS-Board.



6.14. Removal of the H3-Board (L), (R)

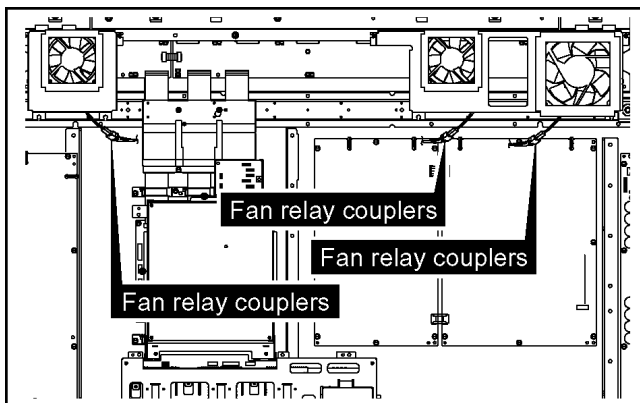
1. Remove the each 2 screws and then remove the Speaker Terminal Blocks (L), (R).



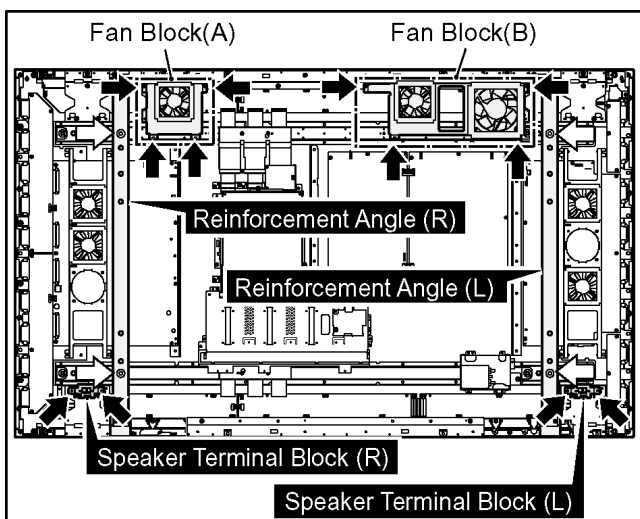
2. Disconnect the coupler (H37).
3. Remove the 3 screws (H) and then remove the H3-Board.

6.15. Removal of the C1, C2, C3, C4, C5 and the C6-Board

1. Disconnect the 3 fan relay couplers.

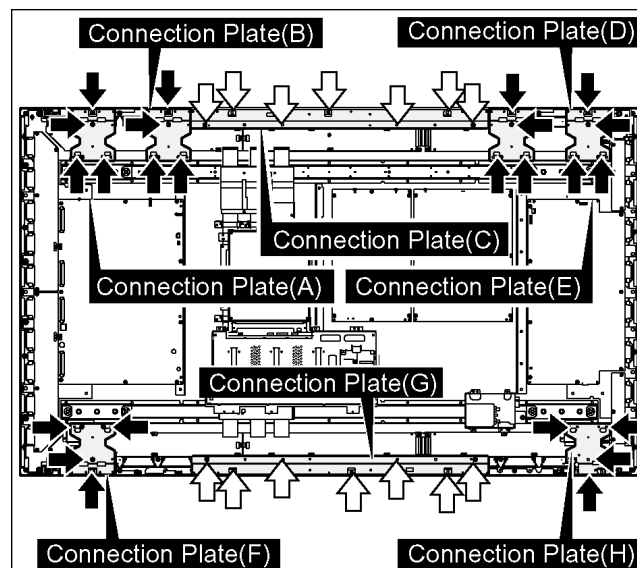


2. Remove the each 4 screws (⬆) and then remove the Fan Blocks (A), (B).
3. Remove the each 2 screws (⬆) and then remove the Speaker Terminal Blocks (L), (R).
4. Remove the each 2 screws (⬆) and then remove the Reinforcement Angles (L), (R).



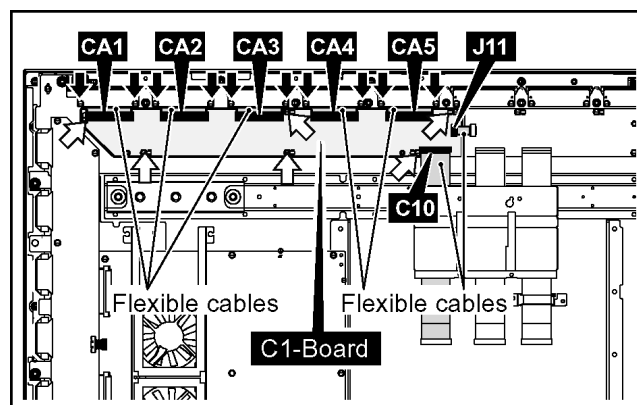
5. Remove the each 4 screws (⬆) and then remove the Connection Plates (A), (B), (D), (E), (F), (H).

6. Remove the each 7 screws (⬆) and then remove the Connection Plates (C), (G).



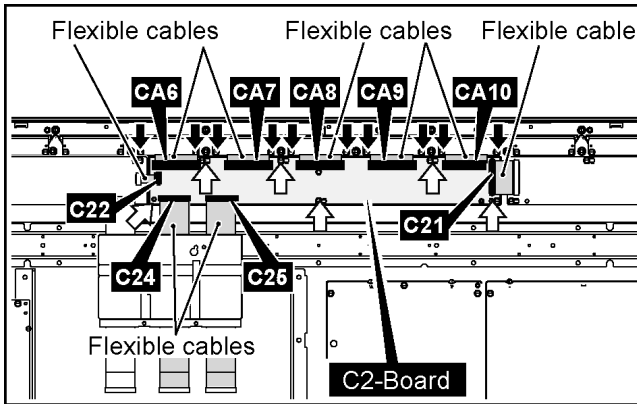
6.15.1. Removal of the C1-Board

1. Remove the flexible cables from the couplers (C10, C11).
2. Remove the 10 screws (⬆) and then remove the flexible cables from the couplers (CA1, CA2, CA3, CA4, CA5).
3. Remove the 6 screws (⬆) and then remove the C1-Board.



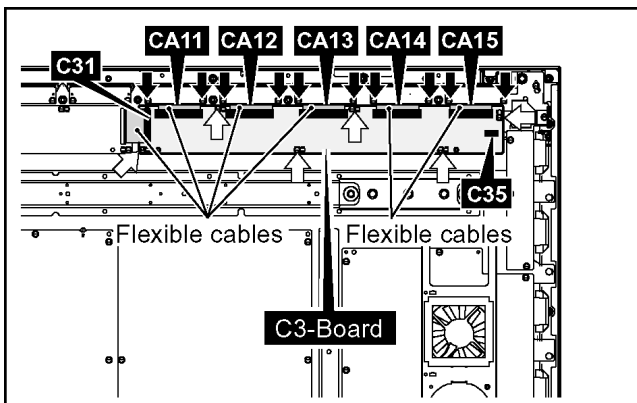
6.15.2. Removal of the C2-Board

1. Remove the flexible cables from the couplers (C21, C22, C24, C25).
2. Remove the 10 screws (↑) and then remove the flexible cables from the couplers (CA6, CA7, CA8, CA9, CA10).
3. Remove the 6 screws (↶) and then remove the C2-Board.



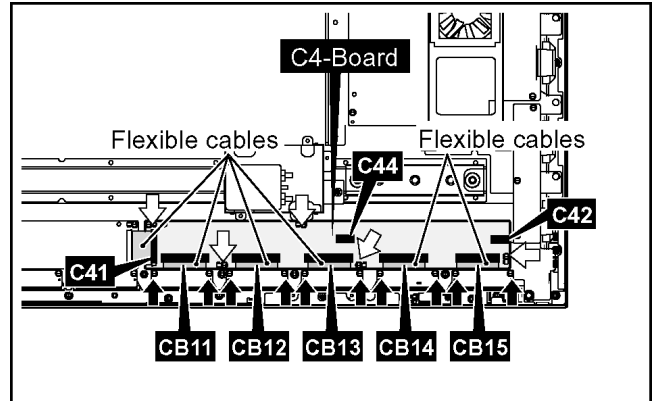
6.15.3. Removal of the C3-Board

1. Remove the flexible cables from the coupler (C31).
2. Disconnect the couplers (C35).
3. Remove the 10 screws (↑) and then remove the flexible cables from the couplers (CA11, CA12, CA13, CA14, CA15).
4. Remove the 6 screws (↶) and then remove the C3-Board.



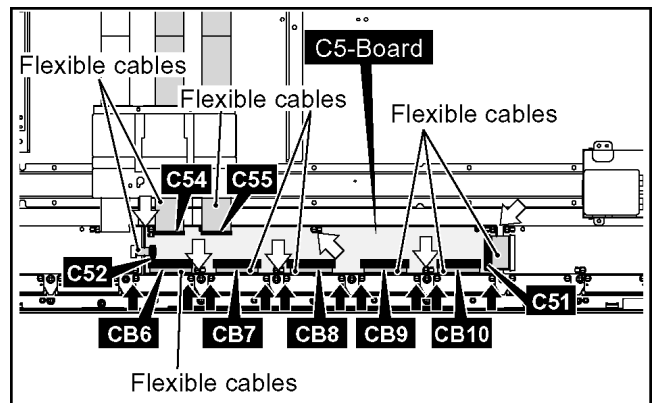
6.15.4. Removal of the C4-Board

1. Remove the flexible cable from the coupler (C41).
2. Disconnect the couplers (C42, C44).
3. Remove the 10 screws (↑) and then remove the flexible cables from the couplers (CB11, CB12, CB13, CB14, CB15).
4. Remove the 5 screws (↶) and then remove the C4-Board.



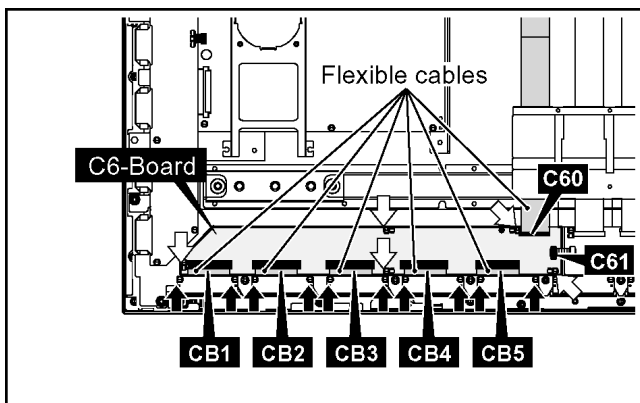
6.15.5. Removal of the C5-Board

1. Remove the flexible cables from the couplers (C51, C52, C54, C55).
2. Remove the 10 screws (↑) and then remove the flexible cables from the couplers (CB6, CB7, CB8, CB9, CB10).
3. Remove the 6 screws (↶) and then remove the C5-Board.



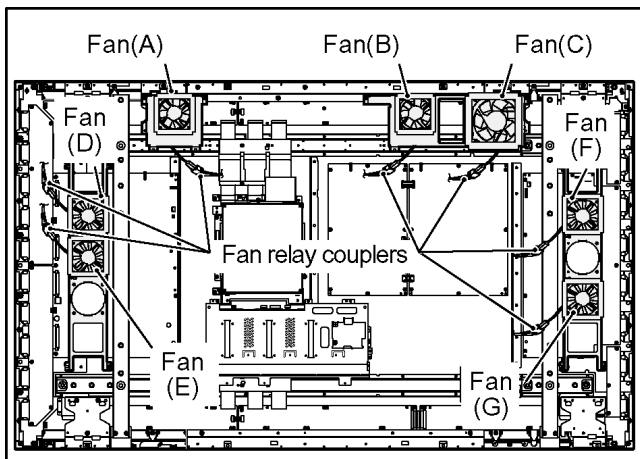
6.15.6. Removal of the C6-Board

1. Remove the flexible cable from the coupler (C60, C61).
2. Remove the 10 screws (⬆) and then remove the flexible cables from the couplers (CB1, CB2, CB3, CB4, CB5).
3. Remove the 5 screws (⬆) and then remove the C6-Board.

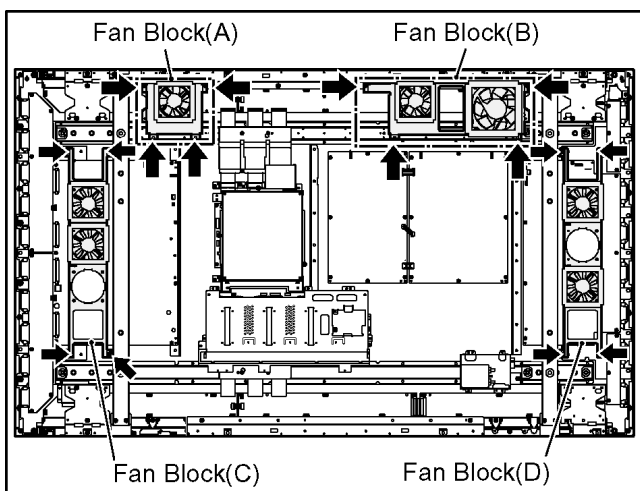


6.16. Removal of the Fan

1. Disconnect the 7 fan relay couplers.

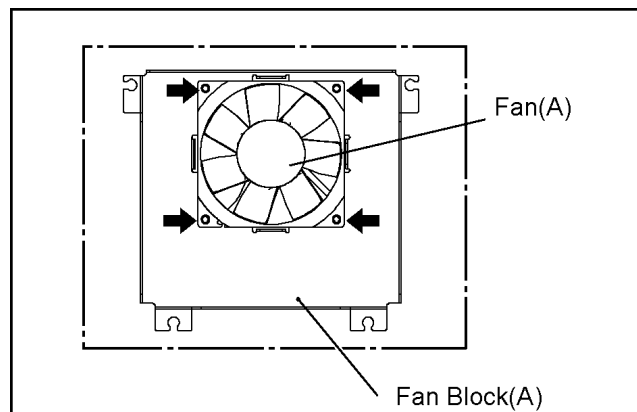


2. Remove the each 4 screws and then remove the Fan Blocks (A), (B), (C), (D).



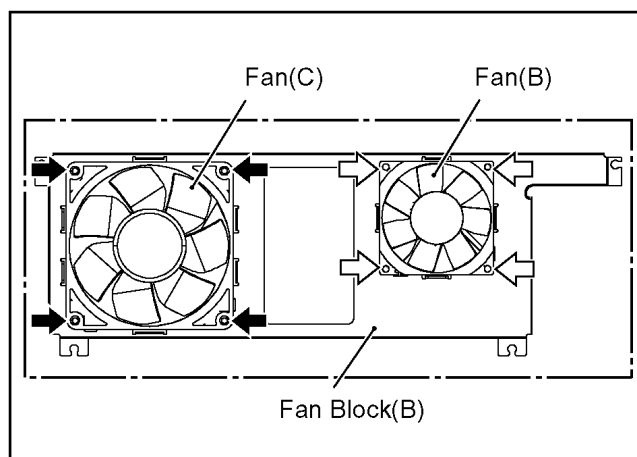
6.16.1. Removal of the Fan (A)

1. Remove the 4 screws and then remove the Fan (A).



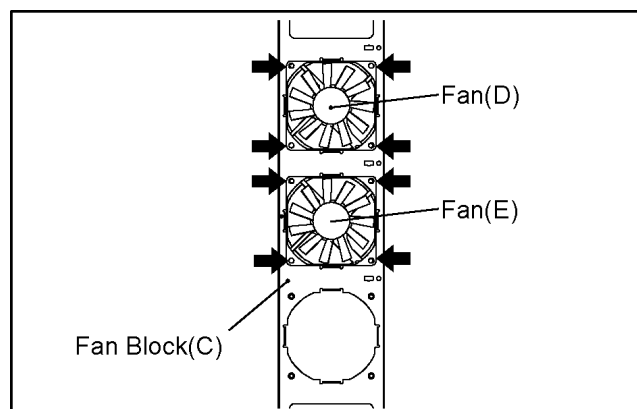
6.16.2. Removal of the Fan (B) and the Fan (C)

1. Remove the 4 screws (⬆) and then remove the Fan (B).
2. Remove the 4 screws (⬆) and then remove the Fan (C).



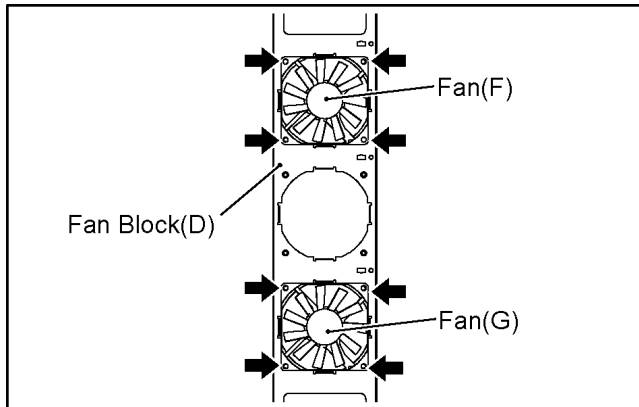
6.16.3. Removal of the Fan (D), (E)

1. Remove the each 4 screws and then remove the Fans (D), (E).



6.16.4. Removal of the Fan (F), (G)

1. Remove the each 4 screws and then remove the Fans (F), (G).



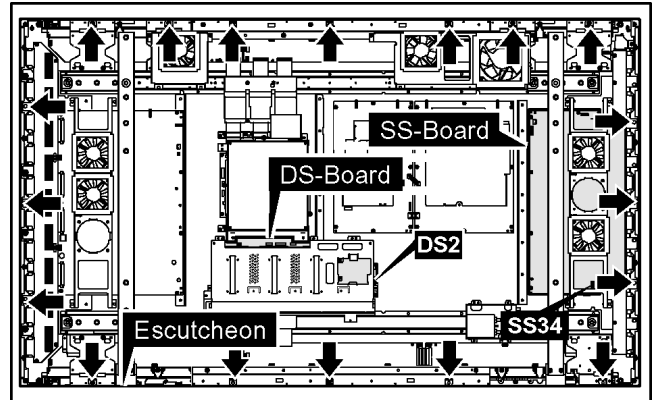
6.16.5. Removal of the Fan Sponge

Note:

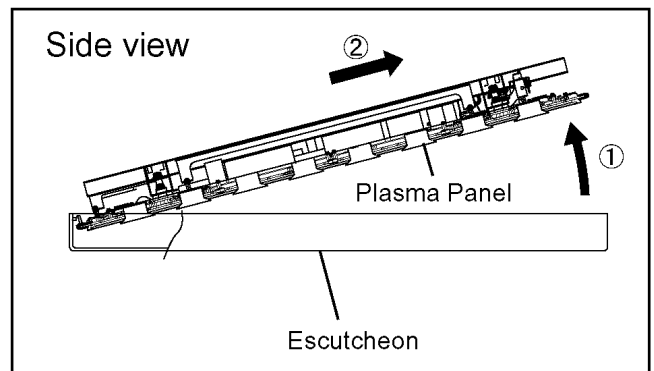
The Fan Sponges are unsuitable to reuse.
Please use a new one at the time of Fan exchange.

6.17. Removal of the S1-Board, the V1-Board, the Power Button and the Hinge Button

1. Disconnect the couplers (DS2, SS34).
2. Remove the 18 screws.

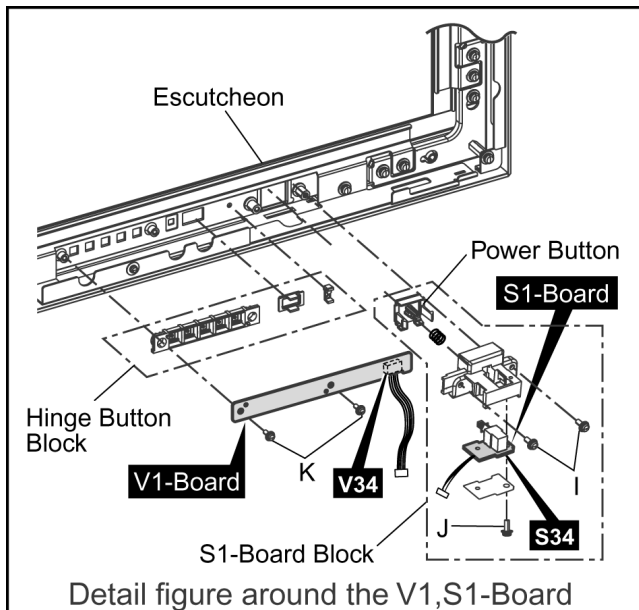


3. Lift up the bottom of the Plasma Panel in the direction of the arrow1 and pull the Plasma Panel in the direction of the arrow2 and then remove the Plasma Panel.



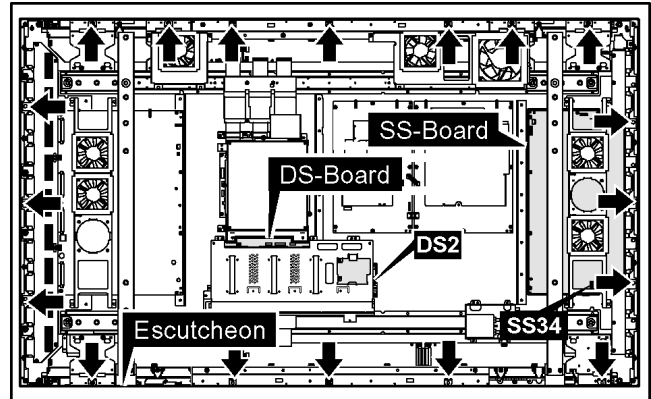
4. Remove the 2 screws (I) and then remove the S1-Board Block.
5. Remove the Power Button from the S1-Board Block.
6. Remove the 1 screw (J) and then remove the S1-Board.
7. Disconnect the coupler (S34) and then remove the S1-Board.
8. Remove the 2 screws (K) and then remove the V1-Board.
9. Disconnect the coupler (V34) and then remove the V1-Board.

10. Remove the Hinge Button Block from the Escutcheon.

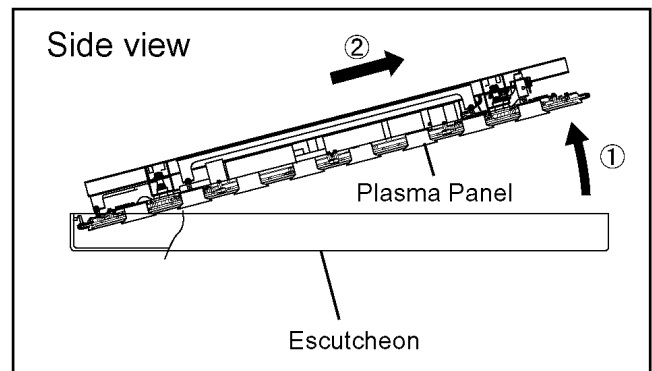


6.18. Removal of the Escutcheon and the Front Glass

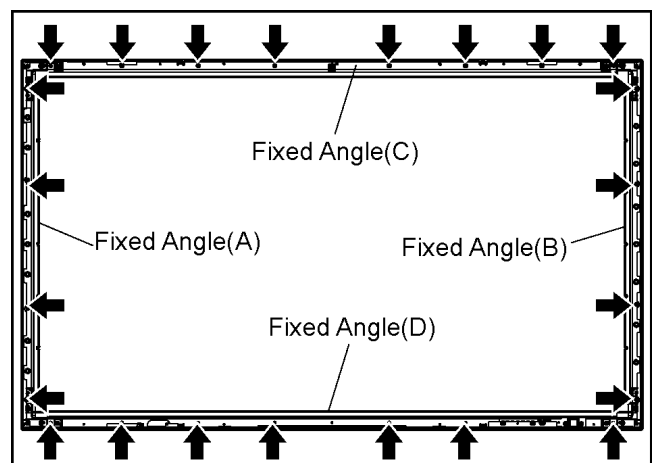
1. Disconnect the couplers (DS2, SS34).
2. Remove the 18 screws.



3. Lift up the bottom of the Plasma Panel in the direction of the arrow1 and pull the Plasma Panel in the direction of the arrow2 and then remove the Plasma Panel.

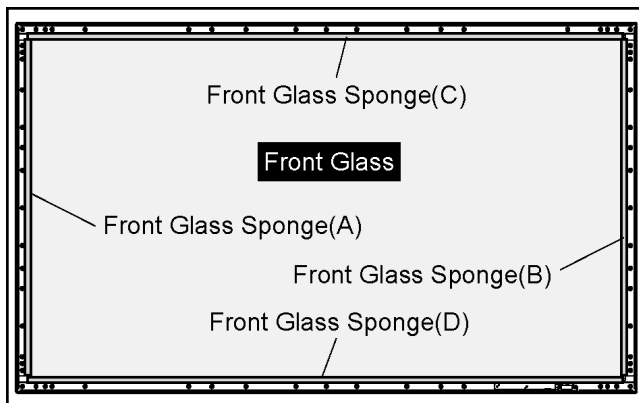


4. Remove the each 23 screws and remove the fixed Angles (A), (B), (C), (D).
5. Remove the Front Glass.



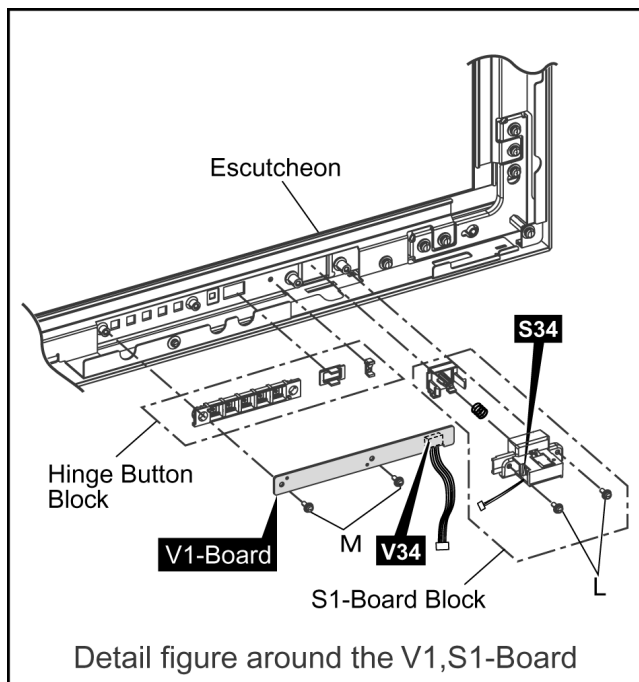
Note: when Front Glass is exchanged

- Along each fixed Angles of an top and bottom, right and left order and the sponge for the Front Glass is pasted to the Front Glass.

**Note**

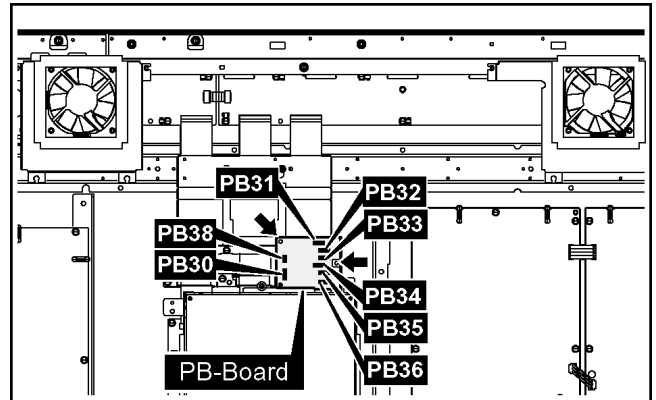
- The sponges are parts which cannot be recycled. Please use the new article when you exchange the Front Glass.

- Remove the 2 screws (L) and then remove the S1-Board Block.
- Remove the 2 screws (M) and then remove the V1-Board and the Hinge Button Block.
- Remove the Escutcheon.

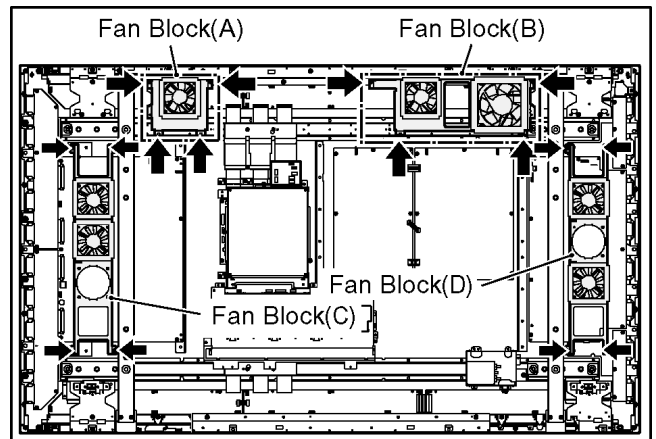
**6.19. Removal of the Plasma Panel**

- The C1,C2,C3,C4,C5,C6 Boards are connected with the plasma panel for the repair.

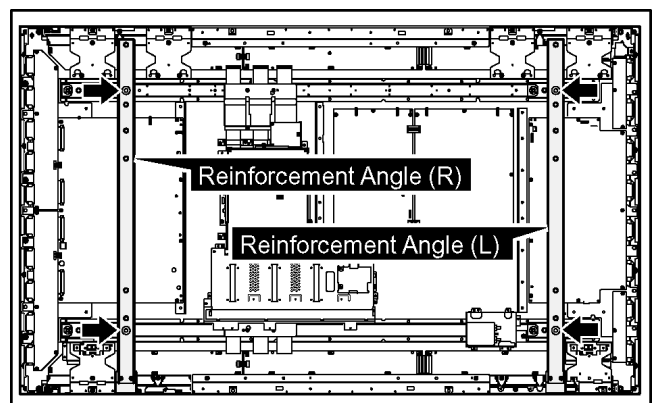
- Disconnect the couplers (PB30, PB31, PB32, PB33, PB34, PB35, PB36, PB38).
- Remove the 2 screws and then remove the PB-Board.



- Remove the each 4 screws and then remove the Fan Blocks (A), (B), (C), (D).

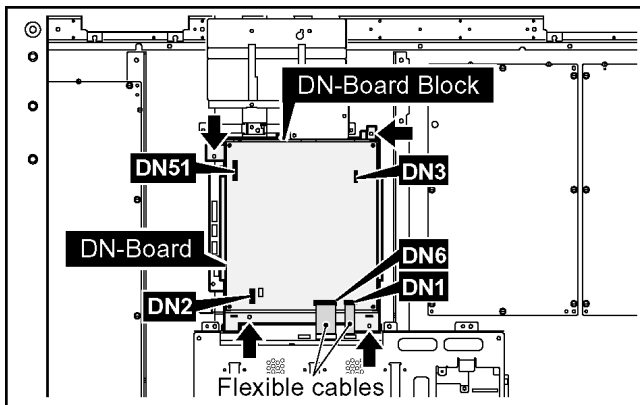


- Remove the each 2 screws and then remove the Reinforcement Angles (L), (R).



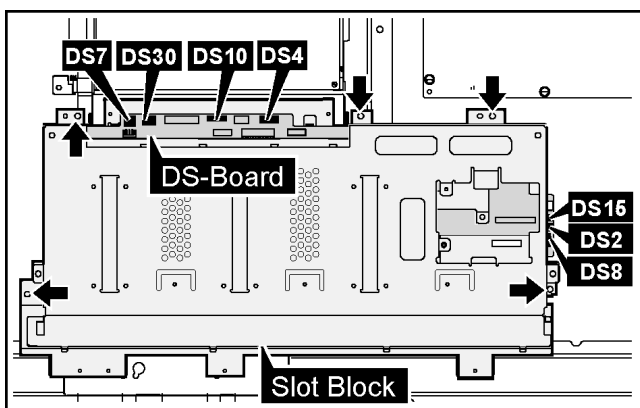
- Remove the flexible cables from the couplers (DN1, DN6).
- Remove the couplers (DN2, DN3, DN51).

7. Remove the 4 screws and then remove the DN-Board Block.



8. Disconnect the couplers (DS2, DS4, DS7, DS8, DS10, DS15, DS30).

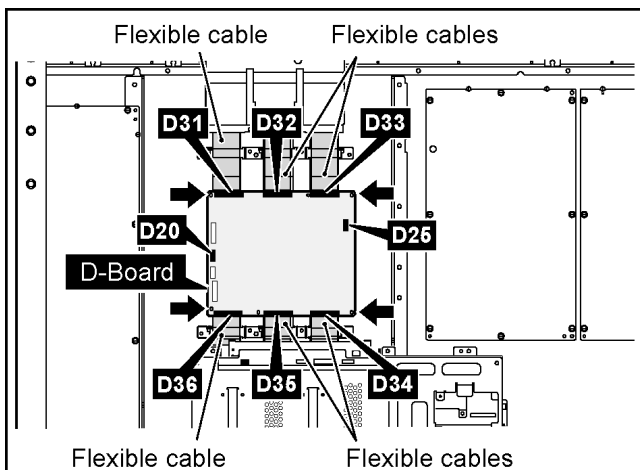
9. Remove the 5 screws and then remove the Slot Block.



10. Disconnect the couplers (D20, D25).

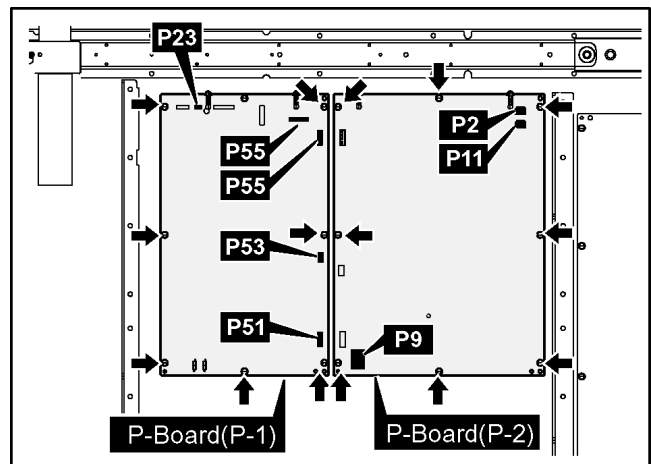
11. Remove the flexible cables from the couplers (D31, D32, D33, D34, D35, D36).

12. Remove the 4 screws and then remove the D-Board.

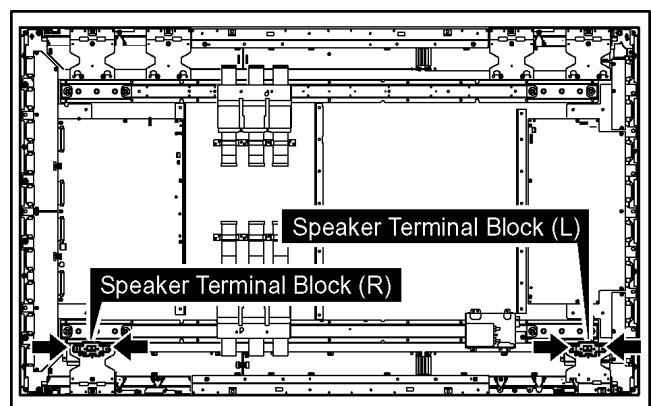


13. Disconnect the couplers (P2, P9, P11, P12, P23, P51, P53, P55).

14. Remove the 19 screws and then remove the P-Board.

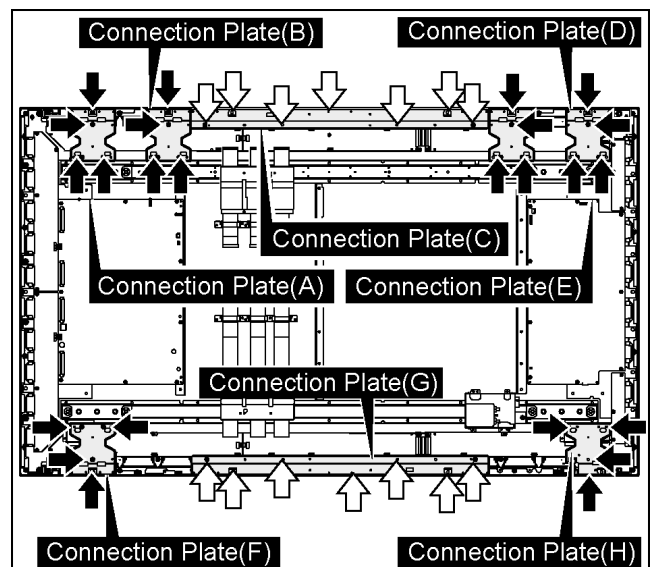


15. Remove the each 2 screws and then remove the Speaker Terminal Blocks (L), (R).

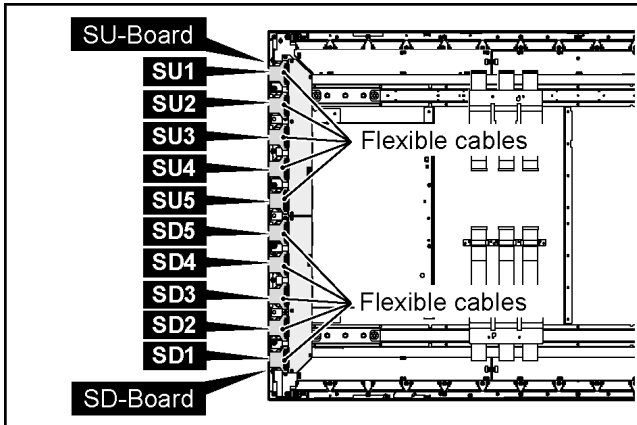


16. Remove the each 4 screws (↑) and then remove the Connection Plate (A), (B), (D), (E), (F), (H).

17. Remove the each 7 screws (⇕) and then remove the Connection Plate (C), (G).

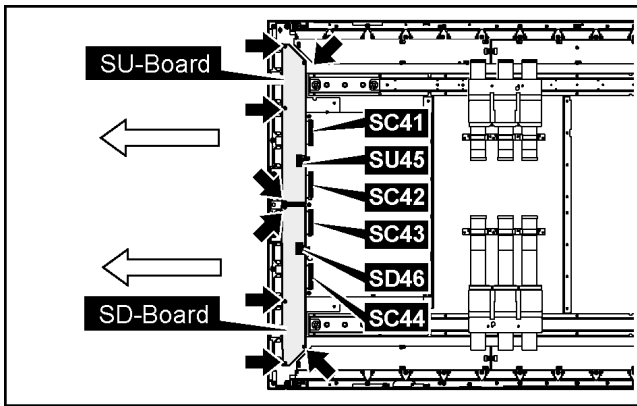


18. Remove the flexible cables from the couplers (SU1, SU2, SU3, SU4, SU5, SD1, SD2, SD3, SD4, SD5).

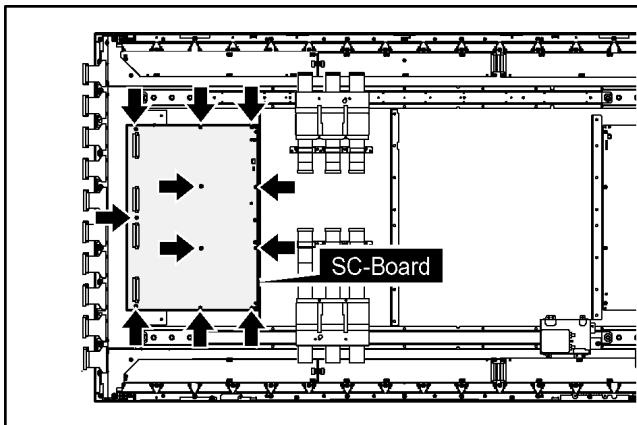


19. Disconnect the couplers (SU45, SU46).

20. Remove the each 4 screws and then slide the SU-Board and the SD-Board to the left, and then remove the SU-Board and the SD-Board from the couplers (SC41, SC42, SC43, SC44).



21. Remove the 11 screws and then remove the SC-Board.



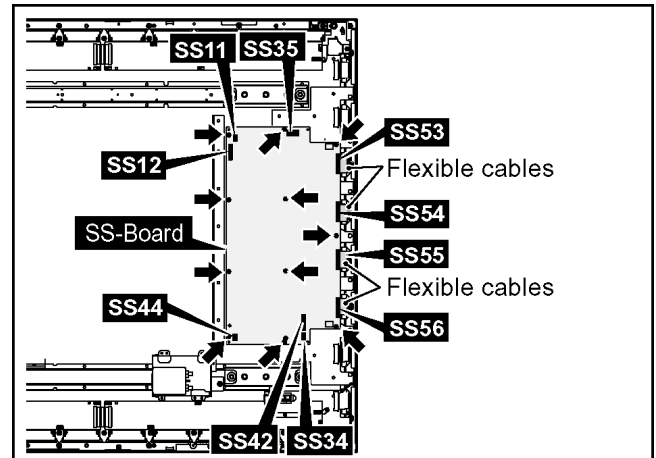
22. Remove the SS2-Board and the SS3-Board.

(Reference to Removal of the SS2-Board and the SS3-Board).

23. Disconnect the couplers (SS11, SS12, SS34, SS35, SS42, SS44).

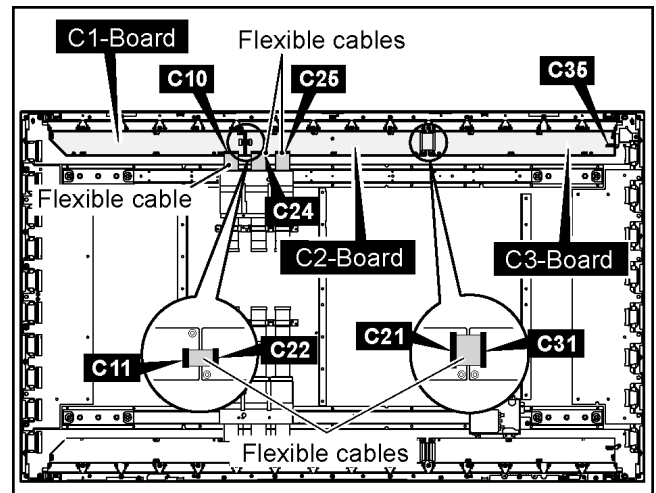
24. Remove the flexible cables from the couplers (SS53, SS54, SS55, SS56).

25. Remove the 11 screws and then remove the SS-Board.



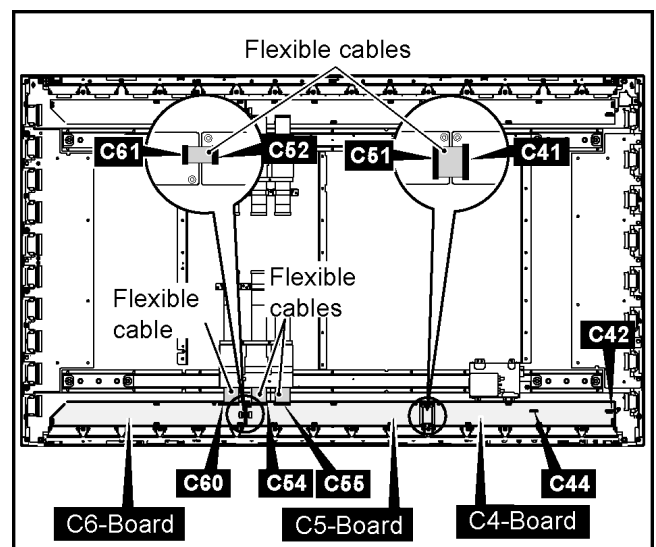
26. Disconnect the coupler (C35).

27. Remove the flexible cables from the couplers (C10, C11, C21, C22, C24, C25, C31).

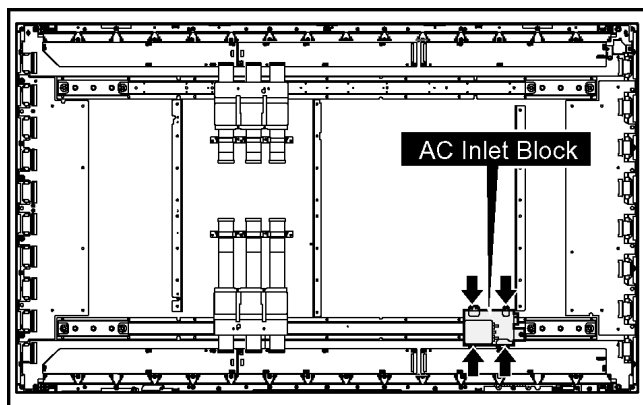


28. Disconnect the couplers (C42, C44).

29. Remove the flexible cables from the couplers (C41, C51, C52, C54, C55, C60, C61).

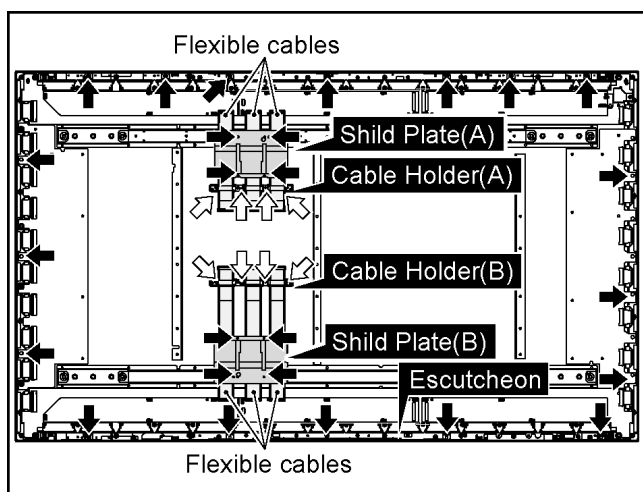


30. Remove the 4 screws and then remove the AC Inlet Block.

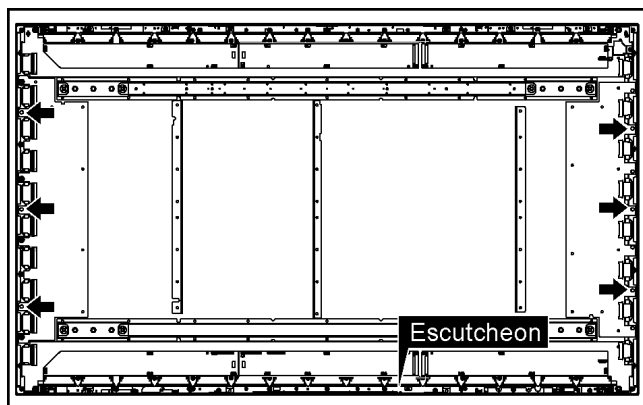


31. Remove the each 4 screws (↑) and then remove the Shield Plates (A, B).

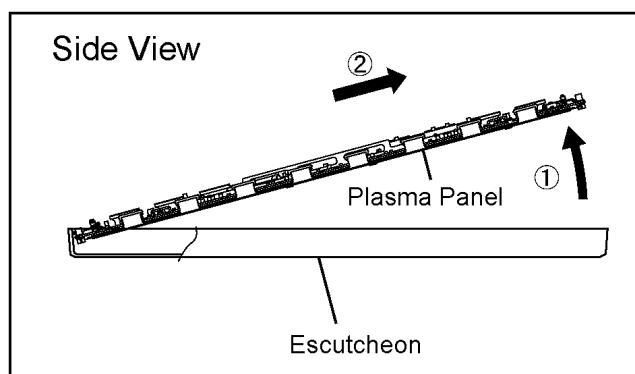
32. Remove the each 4 screws (↗) and then remove the Cable Holders (A, B) and the flexible cables.



33. Remove the 6 screws of the Escutcheon.

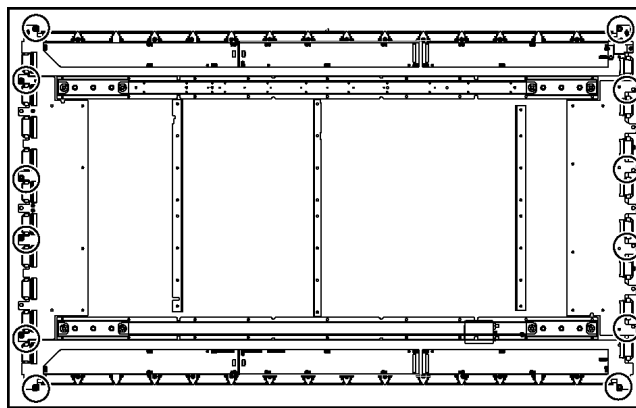


34. Lift up the bottom of the Plasma Panel in the direction of the arrow1 and pull the Plasma Panel in the direction of the arrow2 and then remove the Plasma Panel.



35. Remove the 12 Spacers and Spacer Rings from the Plasma Panel.

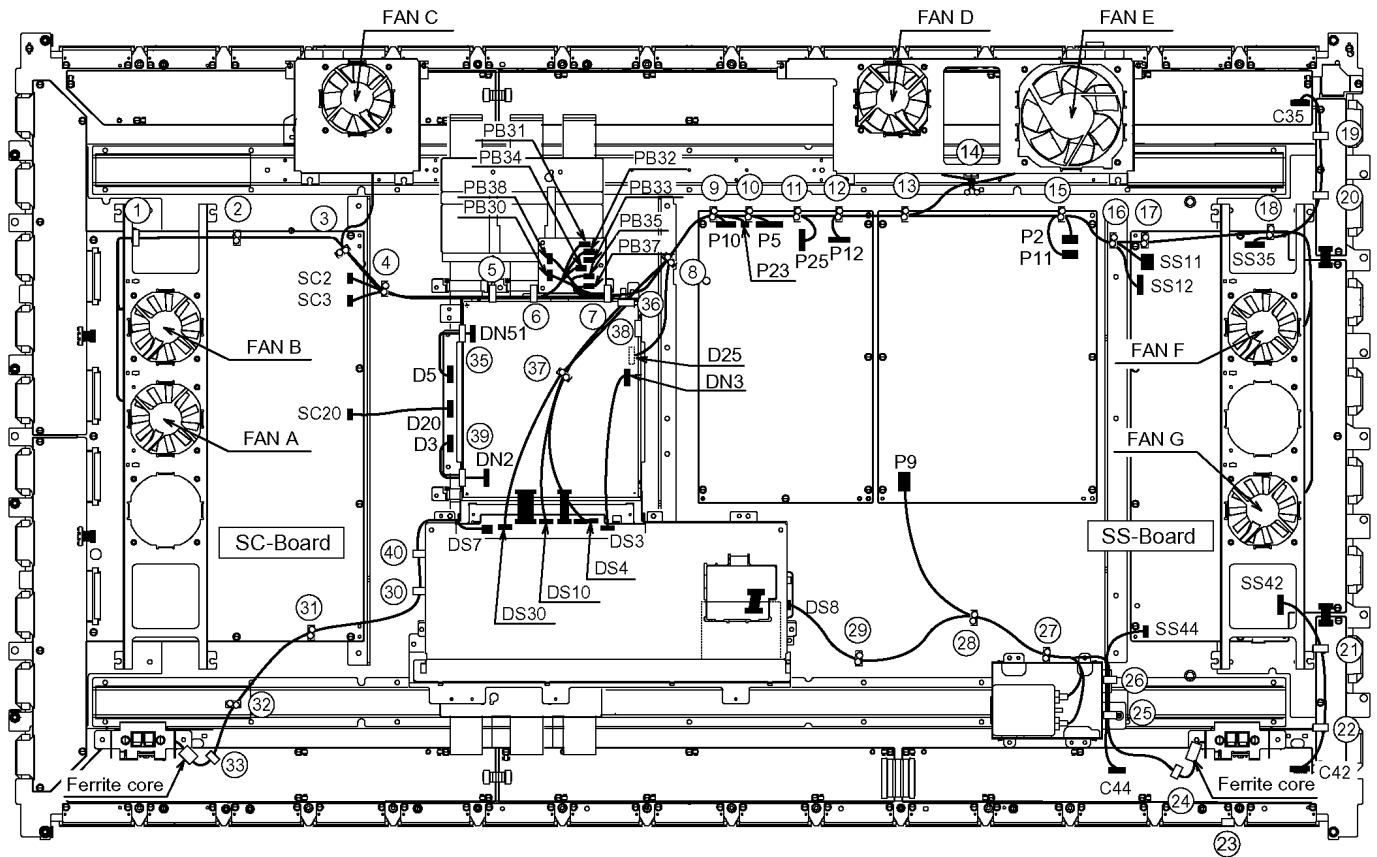
36. Remove the Plasma Panel.



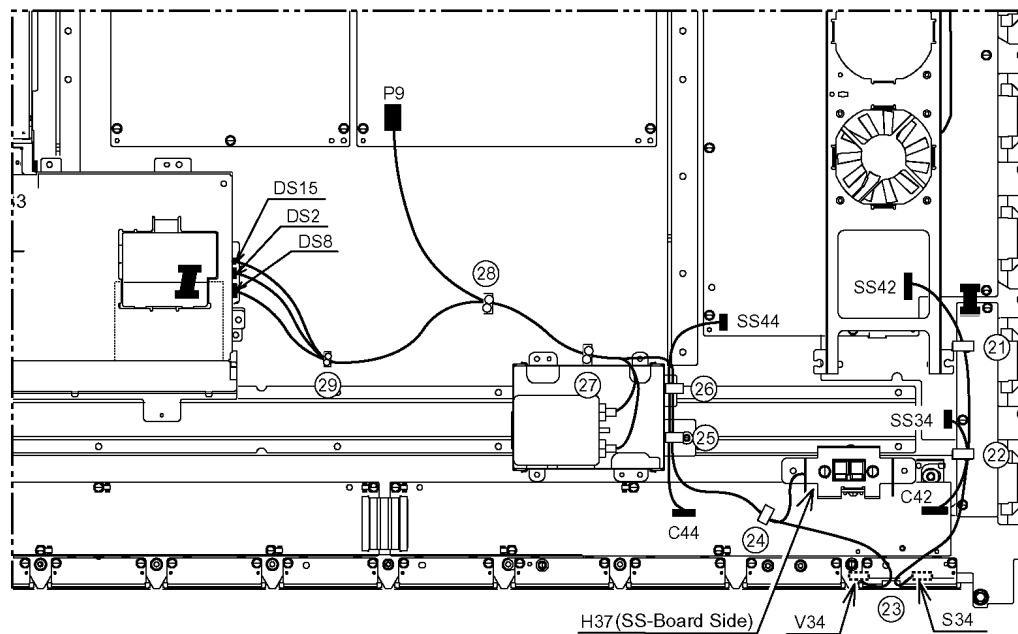
Caution

- Please confirm the installation place of Spacer and Spacer Ring when you exchange the Plasma Panel, and install Spacer and Spacer Ring in an original installation place after exchanging the Plasma Panel.

7 Location of Lead Wiring



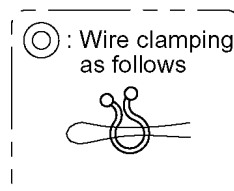
Enlarged view of lower right side



■ : Connector position

Clamp position

CON: No. — CON: No.	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲	⑳	㉑	㉒	㉓	㉔	㉕	㉖	㉗	㉘	㉙	㉚	㉛	㉜	㉝	㉞	㉟	㊱	㊲	㊳	㊴	㊵	㊶	㊷	㊸	㊹	㊺								
SC2 — P2				○	○	○	○	○	○	○	○	○	○		○																																						
SC23 — P23				○	○	○	○	○	○																																												
SC20 — D20																																																					
D25 — P25								○	○	○	○																																										
D3 — DN2																																																					
D5 — DN51																																																					
DS4 — P5								○	○	○																																											
DS10 — P10								○	○																																												
FAN A — PB31	○	○	○	○	○	⊙																																															
FAN B — PB32	○	○	○	○	○	⊙																																															
FAN C — PB33			○	○	○	○																																															
FAN D — PB38							○	○	○	○	○	○	○	○	○																																						
FAN E — PB37							○	○	○	○	○	○	○	○	○																																						
FAN F — PB34							⊙	○	○	○	○	○	○	○		○	○	○	○																																		
FAN G — PB35							⊙	○	○	○	○	○	○	○		○	○	○	○																																		
SP Terminal(R) — DS7																																																					
SP Terminal(L) — DS7																																																					
AC Inlet — P9																																																					
C35 — SS35																																																					
C42 — SS42																																																					
C44 — SS44																																																					
SS11 — P11																○	○																																				
SS12 — P12												○	○		○	○																																					
DN3 — DS3																																																			</		



8 Adjustment Procedure

8.1. Driver Set-up

8.1.1. Item / Preparation

1. Input a white signal to plasma video input.
Aging pattern : 0
2. Set the picture adjustment items as follows.
 - Picture menu : Standard
 - Color temperature : Normal
 - Picture : 25
 - Aspect : Full

8.1.2. Adjustments

Adjust driver section voltages referring the panel data on the panel data label.

Name	Test Point	Voltage	Volume	Remarks
Vsus	TPVSUS (SS)	Vsus $\pm$ 2V	VR251 (P)	*
Ve	TPVE (SS)	Ve $\pm$ 1V	VR6000 (SS)	*
Vda	TPVDA (SS)	72V $\pm$ 1V, -3V	Fixed	
Vad	TPVAD (SC)	-90V $\pm$ 1V	VR6600 (SC)	
Vscn	TPVSCN (SC)	Vad + 140V $\pm$ 4V	Fixed	
Vset	TPVSET (SC)	240V $\pm$ 7V	Fixed	

*See the Panel label.

Panel Label information

Panel Label information form showing fields for Serial No., Ve, Vsus, and Adjustment voltage. The form includes a logo, a dashed box for Serial No., and fields for Ve and Vsus with units 'v'. An arrow points from the 'Adjustment voltage' label to the Vsus field.

Caution

1. First perform Vsus voltage adjustment.
2. Confirmation of Vscn voltage should be performed after confirmation of Vad voltage adjustment.
When Vad = -90V, Voltage of Vscn is 50V $\pm$ 4V.

8.2. Initialization Pulse Adjust

1. Input a white signal to plasma video input.

Aging pattern : 0

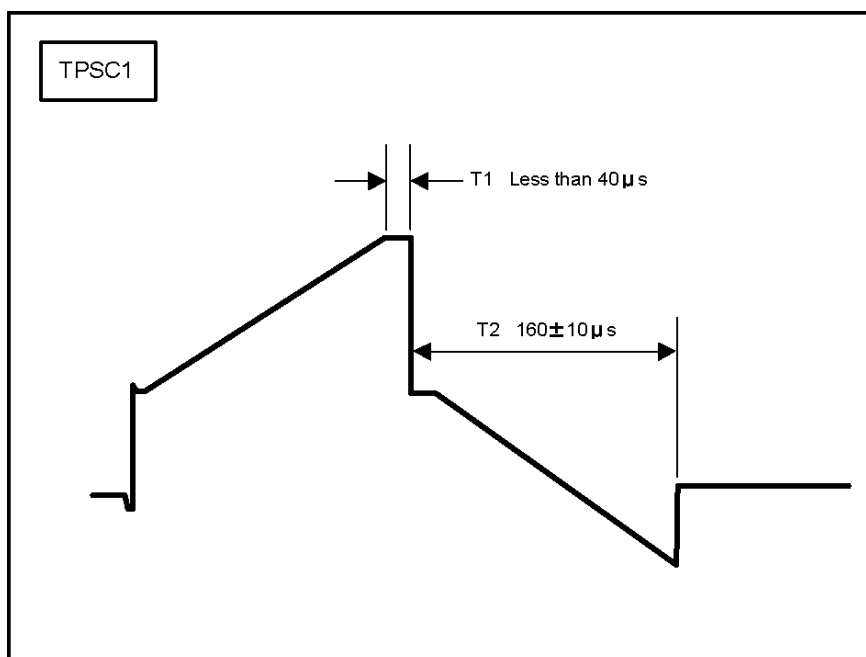
2. Set the picture adjustment items as follows.

- Picture menu : Standard
- Color temperature : Normal
- Picture : 25
- Aspect : Full

3. Connect Oscilloscope to TPSC1 (T1) and check for less than 40 μ Sec.

4. Connect Oscilloscope to TPSC1 (T2) and adjust VR6602 for 160 $\pm$ 10 μ Sec.

	Test point	Volume	Level
T1	TPSC1 (SC)	Fixed	Less than 40 μ Sec
T2	TPSS1 (SS)	VR6602 (SC)	160 $\pm$ 10 μ Sec



8.3. P.C.B. (Printed Circuit Board) Remove

8.3.1. Caution

1. To remove P.C.B., wait 1 minute after power was off for discharge from electrolysis capacitors.

8.3.2. Quick adjustment after P.C.B. Remove

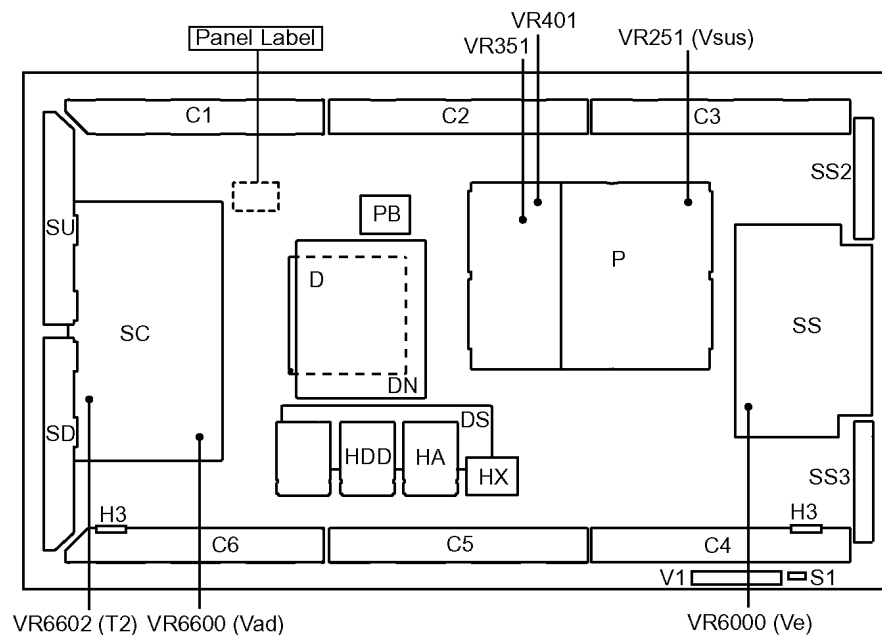
P.C.B.	Name	Test Point	Voltage	Volume	Remarks
P Board	Vsus	TPVSUS	Vsus $\pm$ 2V	VR251 (P)	*
SC Board	Vad	TPVAD	-90V $\pm$ 1V	VR6600 (SC)	
	Vscn	TPVSCN	Vad + 140V $\pm$ 4V	Fixed	
	Vset	TPVSET	240V $\pm$ 7V	Fixed	
SS Board	Ve	TPVE	Ve $\pm$ 1V	VR6600 (SC)	*
	Vda	TPVDA	72V $\pm$ 1V, -3V	Fixed	
D, DS Board	White balance and Sub brightness for NTSC, PAL, HD, PC and 625i signals				
DN Board	Set Market Select Number to correct destination by Ms mode (See chap. 9.1.4)				

*See the Panel label.

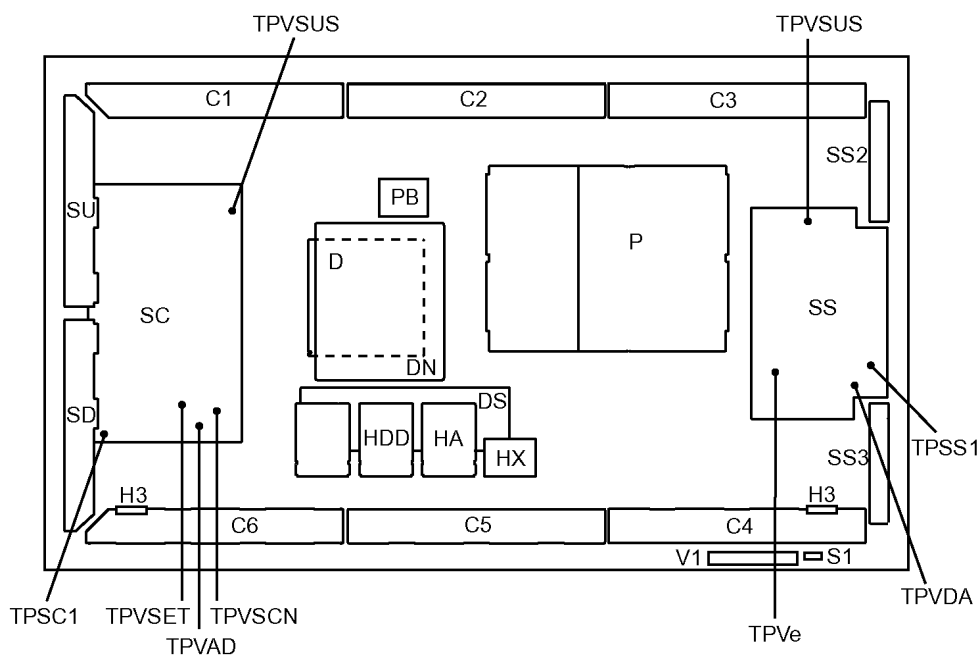
Caution:

Absolutely do not reduce Vsus below Ve not to damage the P.C.B.

8.4. Adjustment Volume Location



8.5. Test Point Location



9 Service mode

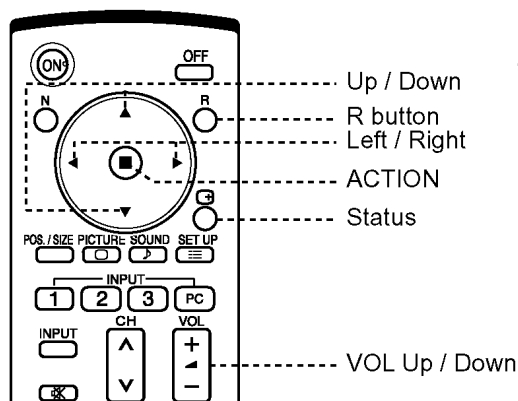
9.1. CAT (computer Aided Test) mode

CAT mode menu

CAT panel sys. 8. 2		
IIC Mode	◀	
CD Mode	◀	
SD Mode	◀	
MS Mode	◀	
ID Mode	◀	

Mode	Function	Access button
IIC	Service Alignment	Action
CD (Complete Diagnostics)	Software version information EEPROM edit	Mute more than 5 seconds
SD (Status Display)	MTBF parameter	Action
MS Mode	Market Select	Mute more than 5 seconds
ID Mode	LSI Check	Mute more than 5 seconds

Remote control



How to access the CAT mode.

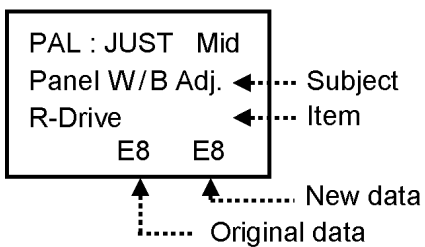
Press and the hold the **Volume down / - button** on the front panel of the unit and press the **status button** on the remote control 3 times quickly within 2 seconds, this will place the unit into the CAT mode.

To exit the **CAT mode**, access the **ID mode** and switch off the main power.

9.1.1. IIC mode

Select the IIC mode by **Up / Down button** on the remote control at the front page of CAT mode and then press the **Action button** on the remote control.

OSD



How to use the IIC mode.

1. Select the alignment **Subject** by **Up / Down buttons** on the remote control.
2. Select the alignment **Item** by **Left / Right buttons** on the remote control.
3. Adjust **optimum setting** by **Volume Up / Down buttons** on the remote control.
4. The **data is memorized** when press the **R button** on the remote control or change the alignment Subject (or Items).

Subject and item are mentioned on "IIC mode structure".

To exit the IIC mode, press the **R button** on the remote control.

9.1.2. CD mode

Select the CD mode by **Up / Down button** on the remote control at the front page of CAT mode and then press the **Mute button** on the remote control more than 5 seconds.

CD			
MONITOR-MCU	PM1. 0000F9	OK	----- Factory use
MONITOR-EEPROM DN	61.00 1	6A 8C	
MONITOR-EEPROM H	16.00	ED 4B	
MONITOR-FPGA 1/2/3	100	100	100
MONITOR-EEPROM Change Addr	00	01	
	Data 01	01	----- New data
PANEL-MCU	5 01		
PANEL-EEPROM	67 00		
PANEL-FPGA	67 00		
PANEL-PDROM	68 00		
PTCT	00. 00. 00. 00.		----- SOS history
			----- Original data

Micom software version (IC9702), this version can be upgrade by

1. replace of new version IC
2. Loading the new version software from loader tool, TZSC07036.

Memory data change

Address ----- Change by **Up / Down buttons** on the remote control.

Change by **Left / Right buttons** on the remote control.

Data ----- Change by **VOL Up / Down buttons** on the remote control.

The data is memorized when switch off the main power.

To exit the CD mode, press the **R button** on the remote control.

9.1.3. SD mode

Select the SD mode by **Up / Down button** on the remote control at the front page of CAT mode and then press the **Action button** on the remote control.

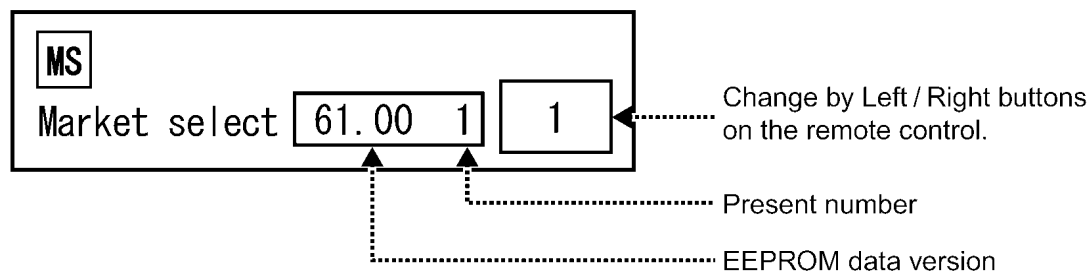
OSD

SD																							
Input command check	<table border="1"> <tr> <td>FF</td><td>27</td><td>27</td><td>20</td><td>25</td><td>28</td><td>30</td> </tr> <tr> <td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>20</td> </tr> <tr> <td>35</td><td>28</td><td>28</td><td>28</td><td>34</td><td>32</td><td></td> </tr> </table>	FF	27	27	20	25	28	30	11	11	11	11	11	11	20	35	28	28	28	34	32		----- History of remote control command. (Factory use).
FF	27	27	20	25	28	30																	
11	11	11	11	11	11	20																	
35	28	28	28	34	32																		
MTBF Parameter	WT 10 PT 0	----- Cumulative Time for power on condition. (unit :hour)																					
Remote Control Mode	☒ A ☐ B	----- Counter of power on. (unit :time)																					

To exit the SD mode, press the **R button** on the remote control.

9.1.4. MS mode

Select the MS mode by **Up / Down button** on the remote control at the front page of CAT mode and then press the **Mute button** on the remote control more than 5 seconds.



To exit the MS mode, press the **R button** on the remote control.

Caution:

Market Select should be set after exchange of DN-Board.

Destination number

Number	Destination	Number	Destination
0	Japan	14	Thailand (Hotel)
1	North America	15	--
2	Europe	16	Mexico
3	Others	17	Mexico (Hotel)
4	Britain	18	China
5	Taiwan	19	China (Hotel)
6	Thailand	20	--
7	--	21	--
8	Japan (Hotel)	22	--
9	North America (Hotel)	23	--
10	Europe (Hotel)	24	--
11	Others (Hotel)	25	--
12	Britain (Hotel)	26	--

Default setting

Number	Destination
1	North America

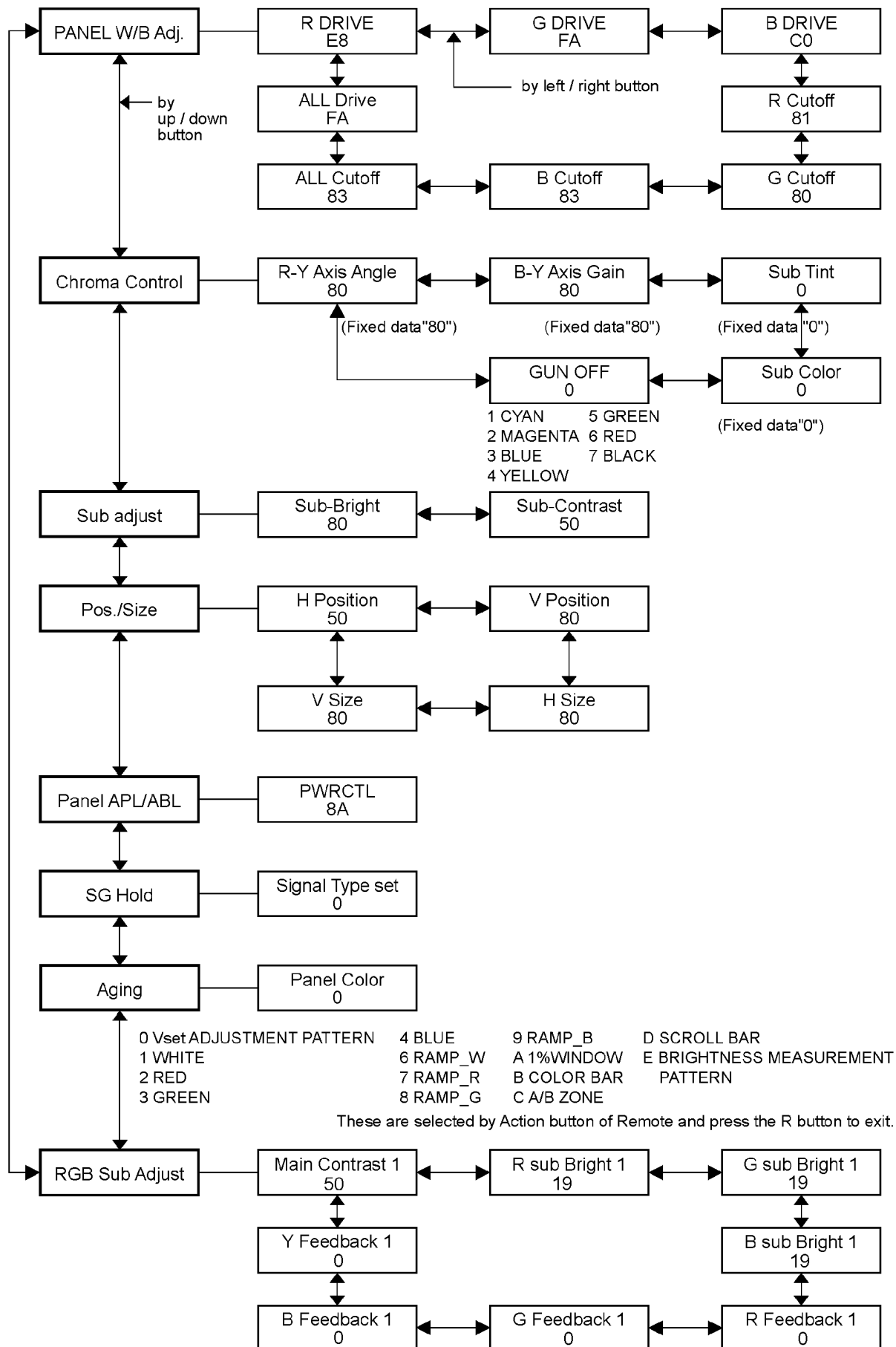
9.1.5. ID mode

Select the ID mode by **Up / Down button** on the remote control at the front page of CAT mode and then press the **Mute button** on the remote control more than 5 seconds.

ID	IIC1	IIC2	IIC3	IIC4	SI
DN	IC4703	OK H90	DS	IC8181	OK H51
	IC5402	OK H61		IC3001	OK H22
	IC5101	OK H56		IC3003	OK H63
	IC5201	OK H57		IC3004	OK H64
	IC5301	OK H58		IC3005	OK H65
	IC4501	OK H53		IC2303	OK H21
	IC4001	OK H52			
	IC5405	OK H31			
	IC5103	OK H32			
	IC5104	OK H33			
	IC5501	OK H51			
D PANEL OK INCHMXXXPXXX					

To exit the ID mode, press the **R button** on the remote control.

9.2. IIC mode structure (following items value is sample data)



10 Adjustment

10.1. RGB white balance adjustment

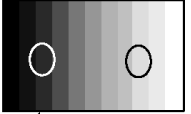
Instrument Name	Connection	Remarks												
• RGB VGA W / B pattern • Color analyzer (Minolta CA-100 or equivalent)	PC input Panel surface	User setting: Normal (Picture menu: Standard)												
Procedure		Remarks												
• Ensure aging is adequate. • Make sure the front panel to be used on the final set is fitted. • Make sure a color signal is not being shown before adjustment. • Put the color analyzer where there is little color variation. 1. Set COMPONENT / RGB-IN SELECT to RGB. 2. Select the IIC mode "PANEL W / B Adj." item. 3. Check that the color temperature is "COOL (High)". 4. Output a white balance pattern. 5. Touch the signal receiver of color analyzer to the highlight window's center. 6. Fix G drive at E0h and adjust B drive and R drive so x, y become the "Color temperature High" in the below table. 7. Increase R / G / B together so the maximum drive value in R / G / B becomes FCh. 8. Set color temperature to "NORMAL (Medium)". 9. Fix G drive at E0h and adjust B drive and R drive so the highlight window's x, y becomes the "Color temperature Medium" in the below table. 10. Increase R / G / B together so the maximum drive value in R / G / B becomes FCh. 11. Set color temperature to "WARM (Low)". 12. Set G drive to E0h and adjust B drive and R drive so the highlight window's x, y become the "Color temperature Low" shown in the below table. 13. Increase R / G / B together so the maximum drive value in R / G / B becomes FCh. 14. Copy the R drive, G drive and B drive data in NTSC, PAL DVI region. Table 1 W/B adjustment values <table border="1"> <thead> <tr> <th>Color temperature</th><th>x</th><th>y</th></tr> </thead> <tbody> <tr> <td>High</td><td>0.276</td><td>0.276</td></tr> <tr> <td>Medium</td><td>0.288</td><td>0.296</td></tr> <tr> <td>Low</td><td>0.313</td><td>0.329</td></tr> </tbody> </table> Adjustment target Hi-light: $x \pm 0.003$ $y \pm 0.003$ Hi-light is target of the number at drive adjustment in the hi-light windows. Therefore, it is not target of the hi-light number at after adjustment white balance.		Color temperature	x	y	High	0.276	0.276	Medium	0.288	0.296	Low	0.313	0.329	Picture Menu: Standard Picture: 25 Aspect: Full Position and size: Normal • Highlight section Signal amplitude 75% RGB VGA W/B Pattern  High light 75% Low light 15% • Cutoff standard G: 80h • Drive standard G: E0h
Color temperature	x	y												
High	0.276	0.276												
Medium	0.288	0.296												
Low	0.313	0.329												

Table 2 Drive data addresses (PC/RGB)

Color temperature	R	G	B
High	A0-11AD	A0-11AE	A0-11AF
Medium	A0-11B0	A0-11B1	A0-11B2
Low	A0-11B3	A0-11B4	A0-11B5

Table 3 Drive data addresses (NTSC)

Color temperature	R	G	B
High	A0-1180	A0-1181	A0-1182
Medium	A0-1183	A0-1184	A0-1185
Low	A0-1186	A0-1187	A0-1188

Table 4 Drive data addresses (PAL)

Color temperature	R	G	B
High	A0-1189	A0-118A	A0-118B
Medium	A0-118C	A0-118D	A0-118E
Low	A0-118F	A0-1190	A0-1191

Table 5 Drive data addresses (DVI)

Color temperature	R	G	B
High	A0-11B6	A0-11B7	A0-11B8
Medium	A0-11B9	A0-11BA	A0-11BB
Low	A0-11BC	A0-11BD	A0-11BE

10.2. HD white balance adjustment

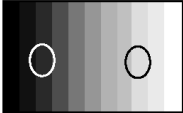
Instrument Name	Connection	Remarks												
- HD W / B pattern (COMPONENT Output) - Color analyzer (Minolta CA-100 or equivalent)	PC input Panel surface	User setting: Normal (Picture menu: Standard)												
Procedure		Remarks												
- Ensure aging is adequate. - Make sure the front panel to be used on the final set is fitted. - Make sure a color signal is not being shown before adjustment. - Put the color analyzer where there is little color variation. - Set COMPONENT / RGB-IN SELECT to COMPONENT - Select the IIC mode "PANEL W / B Adj." item. - Check that the color temperature is "COOL (High)". - Output a white balance pattern. - Touch the signal receiver of color analyzer to the highlight window's center. - Fix G drive at E0h and adjust B drive and R drive so x, y become the "Color temperature High" in the below table. - Increase R / G / B together so the maximum drive value in R / G / B becomes FCh. - Set color temperature to "NORMAL (Medium)". - Fix G drive at E0h and adjust B drive and R drive so the highlight window's x, y becomes the "Color temperature Medium" in the below table. - Increase R / G / B together so the maximum drive value in R / G / B becomes FCh. - Set color temperature to "WARM (Low)". - Set G drive to E0h and adjust B drive and R drive so the highlight window's x, y become the "Color temperature Low" shown in the below table. - Increase R / G / B together so the maximum drive value in R / G / B becomes FCh. - Copy the R drive, G drive and B drive data in YUV1_525ip, YUV3_625ip region. Table 6 W/B adjustment values <table border="1"> <thead> <tr> <th>Color temperature</th><th>x</th><th>y</th></tr> </thead> <tbody> <tr> <td>High</td><td>0.276</td><td>0.276</td></tr> <tr> <td>Medium</td><td>0.288</td><td>0.296</td></tr> <tr> <td>Low</td><td>0.313</td><td>0.329</td></tr> </tbody> </table> Adjustment target Hi-light: $x \pm 0.003$ $y \pm 0.003$ Hi-light is target of the number at drive adjustment in the hi-light windows. Therefore, it is not target of the hi-light number at after adjustment white balance.		Color temperature	x	y	High	0.276	0.276	Medium	0.288	0.296	Low	0.313	0.329	Picture Menu: Standard Picture: 25 Aspect: Full Position and size: Normal - Highlight section Signal amplitude 75% HD W/B Pattern (COMPONENT Output)  High light 75% Low light 15% - Cutoff standard G: 80h - Drive standard G: E0h
Color temperature	x	y												
High	0.276	0.276												
Medium	0.288	0.296												
Low	0.313	0.329												

Table 7 Drive data addresses (YUV2_HD)

Color temperature	R	G	B
High	A0-119B	A0-119C	A0-119D
Medium	A0-119E	A0-119F	A0-11A0
Low	A0-11A1	A0-11A2	A0-11A3

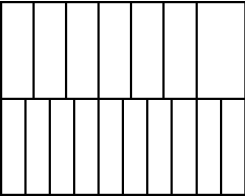
Table 8 Drive data addresses (YUV1_525ip)

Color temperature	R	G	B
High	A0-1192	A0-1193	A0-1194
Medium	A0-1195	A0-1196	A0-1197
Low	A0-1198	A0-1199	A0-119A

Table 9 Drive data addresses (YUV3_625ip)

Color temperature	R	G	B
High	A0-11A4	A0-11A5	A0-11A6
Medium	A0-11A7	A0-11A8	A0-11A9
Low	A0-11AA	A0-11AB	A0-11AC

10.3. Power control adjustment

Instrument Name	Connection	Remarks
- PC (RGB) signal generator (Leader: VGA / No.9 signal) - Wattmeter	- PC input - Connect the AC power of the adjustment set to the wattmeter.	Set "RGB" at 'COMPONENT / RGB-IN SELECT' in Setup Menu.
Procedure		Remarks
[condition] - Make sure the set is aged for 30 minutes or more before adjustment. - Voltage 120V 50 / 60Hz (variation within 1%) - Volume at minimum and screen size at full - PC input and picture menu at normalized Dynamic - Connect the set's AC power to the wattmeter. - Receive the VGA No.9 signal from Leader. - Select the PWRCTL item in Panel APL / ABL in the IIC mode. - Adjust PWRCTL so the set's power consumption is description below. Adjust to shift large to small for DAC. Factory adjustment with OSD 65" 680+5 / -10W BUSCON without OSD 65" 680+5 / -10W		 No.9 Signal Top half: Full color bar Bottom half: Horizontal 10 steps bar Notes: - When passing through factory adjustment mode, the power few watts which goes down is the consideration being completed. - Adjust the large number for DAC when they have 2 adjustment points.

11 Trouble shooting guide

11.1. Self Check

11.1.1. Display Indication

1. Self-check is used to automatically check the bus line controlled circuit of the Plasma display.
2. To get into the Self-check mode, press the **volume down** button on the customer controls at the bottom of the set, at the same time pressing the **OFF-TIMER** button on the remote control, and the screen will show .

If the CCU ports have been checked and found to be incorrect.
Or not located then " - - " will appear in place of " OK ".

" 01 " in the line of the " PTCT " means the number of blinks of the Power LED is 1. (Reference to 11.1.2)

" H09 " in the line of the " PTCT " is the error code.

Note:

The line of the " PTCT " displays when you get into the Self-check mode for the first time only after the Power LED blinks.

ID	IIC1	IIC2	IIC3	IIC4	SI
DN	IC4703	OK H90			
	IC5402	OK H61			
	IC5101	OK H56			
	IC5201	OK H57			
	IC5301	OK H58			
	IC4501	OK H53			
	IC4001	OK H52			
	IC5405	OK H31			
	IC5103	OK H32			
	IC5104	OK H33			
	IC5501	OK H51			
DS	IC8181	OK H51			
	IC3001	OK H22			
	IC3003	OK H63			
	IC3004	OK H64			
	IC3005	OK H65			
	IC2303	OK H21			
D	PANEL	OK			
	INCHMXXXPXXX				
	PTCT	00 H09			

11.1.2. Power LED Blinking timing chart

1. Subject

Information of LED Blinking timing chart.

2. Contents

When an abnormality has occurred the unit, the protection circuit operates and reset to the stand by mode. At this time, the defective block can be identified by the number of blinks of the Power LED on the front panel of the unit.

Blinking times	Blinking timing	Contents & Check point	Check point
1		No particular check point	—
2		15V SOS	P-Board
3		3.3V SOS	D-Board DN-Board
4		POWER SOS	P-Board
5		5V SOS	P-Board D-Board DN-Board DS-Board
6		Driver SOS1	SC-Board
7		Driver SOS2	SC-Board SU-Board SD-Board
8		Driver SOS3	SS-Board
9		Panel Config SOS	D-Board
10		Terminal Board SOS	P-Board DS-Board
11		FAN SOS	PB-Board FAN

3. Remarks

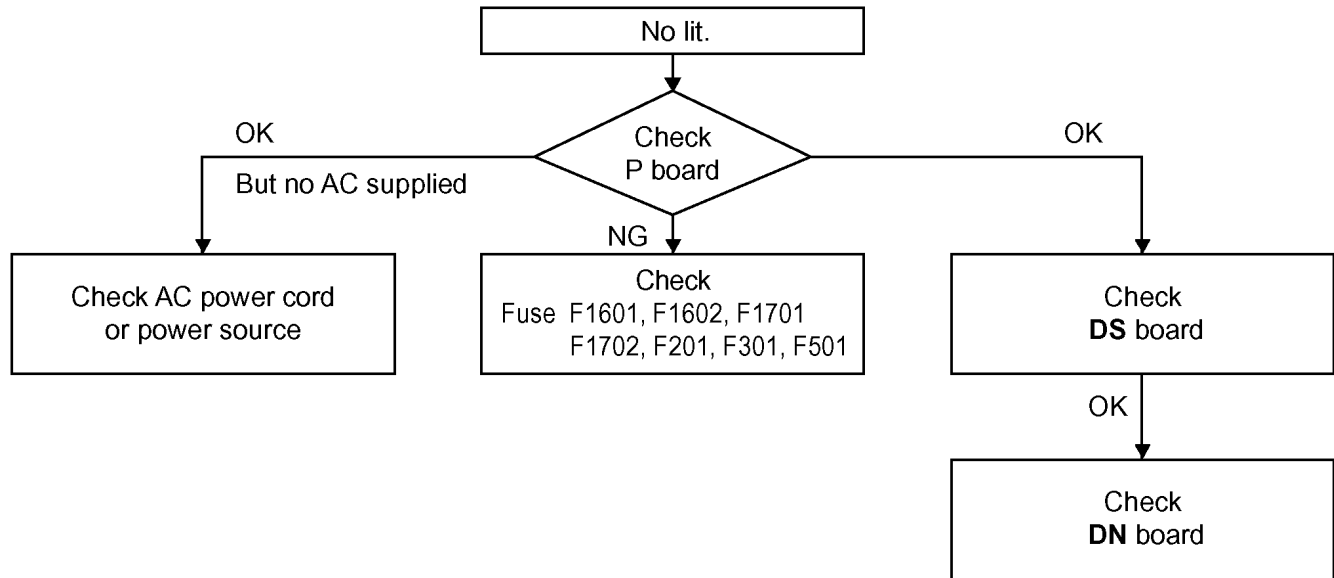
Above Fan function is operated during the fans are installed.

11.2. No Power

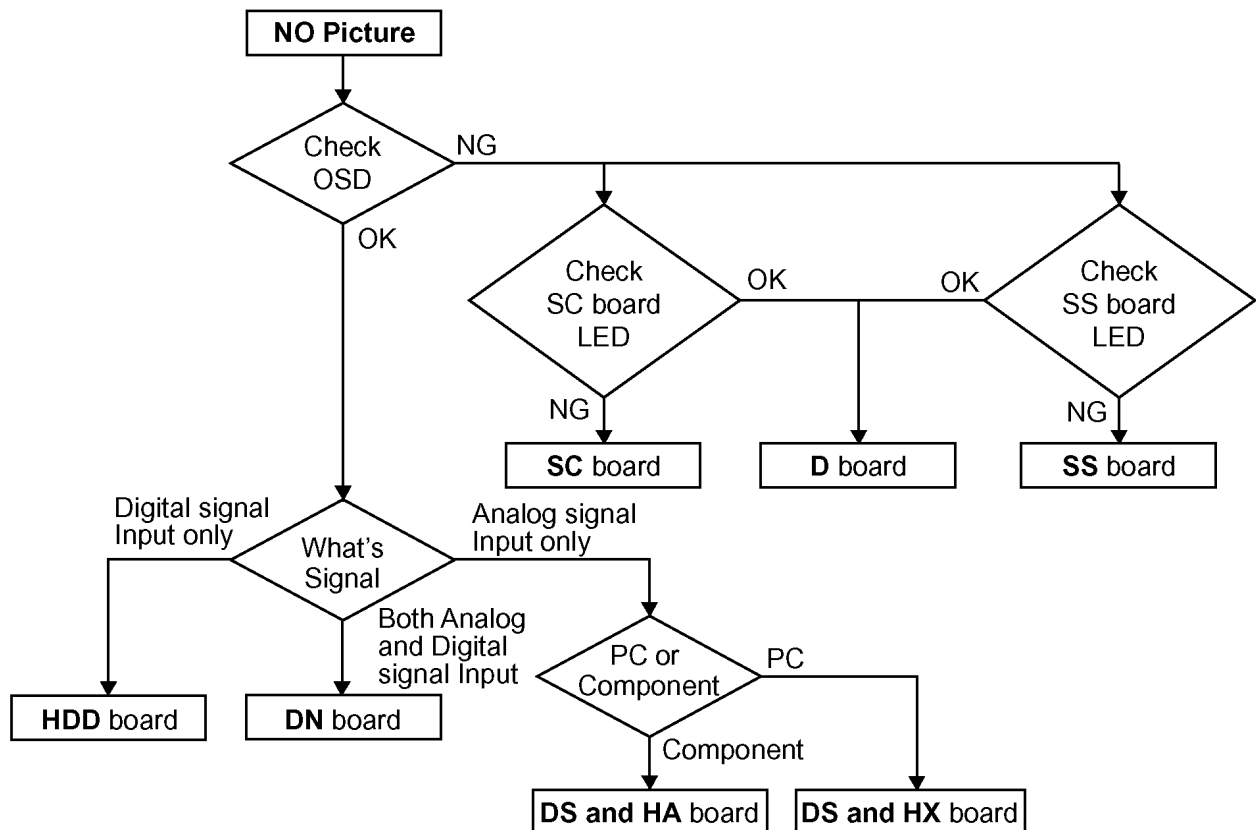
First check point

There are following 3 states of No Power indication by power LED.

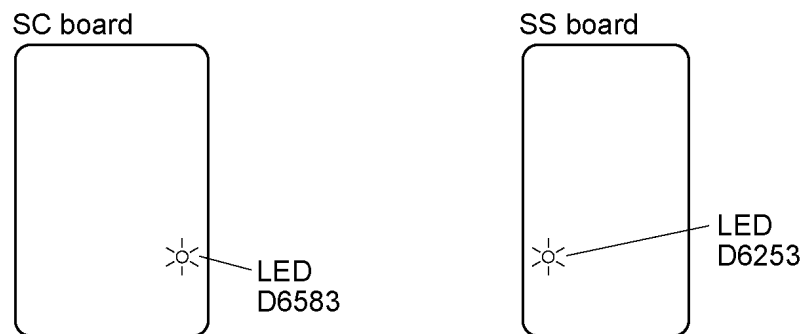
1. No lit.
2. Green is lit then turns red blinking a few seconds later.
3. Only red is lit.



11.3. No Picture

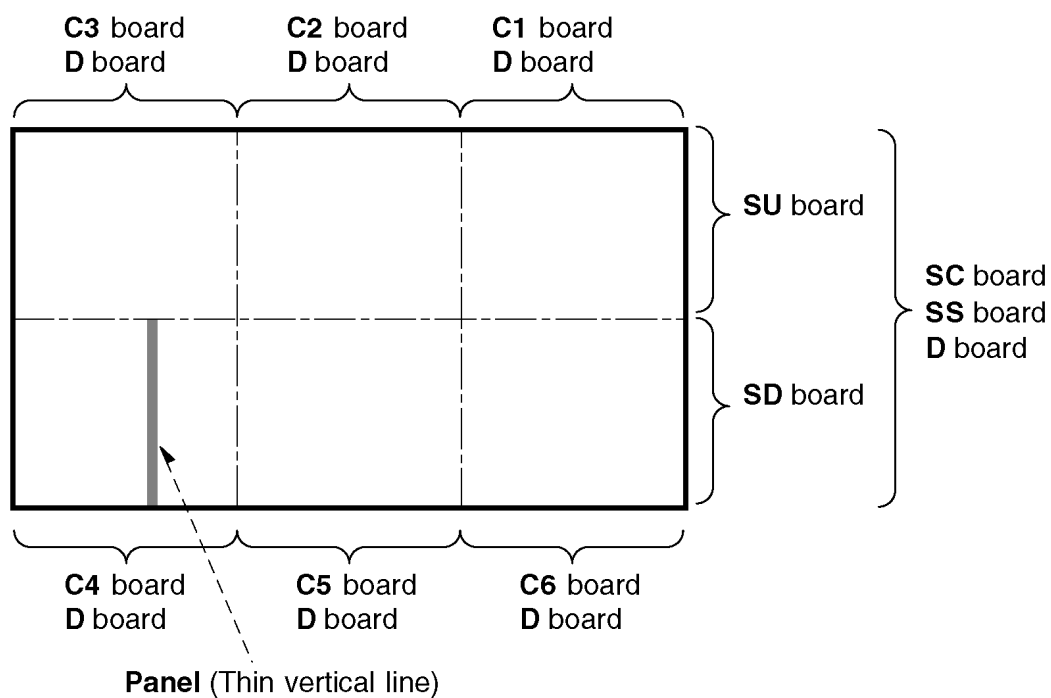


Drive circuits LED indicator



11.4. Local screen failure

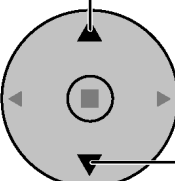
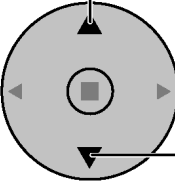
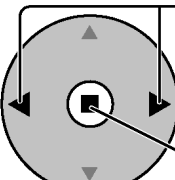
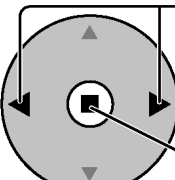
Plasma display may have local area failure on the screen. Fig - 1 is the possible defect P.C.B. for each local area.

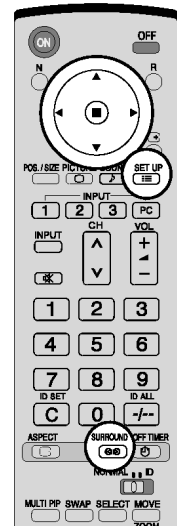


<Local screen failure chart>

Fig - 1

12 Option Setting

- 1  Press to display the Setup menu.
- 2  Press to select "OSD Language".
- 3  Press and hold until the Options menu is displayed.
- 4  Press to select your preferred menu.
- 5  Press to adjust the menu.
 Press to confirm.
- 6  Press to exit from Options menu.



Options		1/3
Off-timer function	Enable	
Onscreen display	On	
Initial INPUT	Off	
Initial VOL level	Off	0
Maximum VOL level	Off	0
INPUT lock	Off	
Studio W/B	Off	
Advanced PIP	Off	
Display size	Off	

Option Menu for GPF9D series

GPH8D chassis series have special function and operation setting facility called Option Menu. This Option Menu is useful for special function required customers. This should be set at the installation stage.

Option menus	default setting	Contents
Off-timer function	Enable	Off-timer operation Enable / Disable.
Onscreen display	On	Enable / Disable to display input mode indication after power on and no signal indication.
Initial INPUT	Off	Sets the initial input mode when the power is turned on. Allow input mode selection while power is on.
Initial VOL level	Off	Sets the initial volume level when the power is turned on. Allow Volume control while power is on.
Maximum VOL Level	Off	Sets the maximum volume to desired level. Volume cannot exceed this level.
INPUT lock	Off	Fixes the input mode to AV, Component / RGB or PC. Can not change input mode by input selection key.
Studio W / B	Off	Set warm mode color temperature to 3,200 Kelvin.
Advanced PIP	Off	Off : Sets normal two screen display mode. On : Sets Advanced PIP mode.
Display size	Off	Adjusts the image display size on screen. On : Sets the image display size approximately 95% of the normal image display.
Button lock	Off	Enable / Disable bottom operation buttons (Input, Menu, Enter and / or volume up / down)
Remocon User Level	Off	Remote key invalidation. Off : Valid key is all key of remote. User1 : Valid key are only Stand-by (ON / OFF), Input, Direct input, Status, Surround, Sound mute On / Off, and volume adjustment. User2 : Valid key is only Stand-by (ON / OFF). User3 : All keys are null and void
ID select	0	Set ID number from 0 to 100.
Remote ID	Off	Remote ID function On / Off. (While the Remote ID on, standard remote function can not control the unit.)
Serial ID	Off	Serial ID function On / Off
Slot power	Off	Sets the slot power mode while the power is turned on. Allow Optional Terminal Board insert Slots while power is on.
V. Installation	Off	V. Installation function On / Off Note: Turn up the power switch for the upward direction when you set display vertically.
Rotate	Off	The image rotates 180 degrees (up-down)
Serial Slot Select	Slot1	Selects the slot which communicates serial.

Note :

When both main unit buttons and remote control are disabled due to the "Button lock", "Remocon User level" or "RemoteID" adjustments, set all the values "Off" so that all the buttons are enabled again.

Press the "Volume down" button on main unit together with "R" button on the remote control and hold for more than 5 seconds. The "SHIPPING" menu is displayed and the lock is released when it disappears.

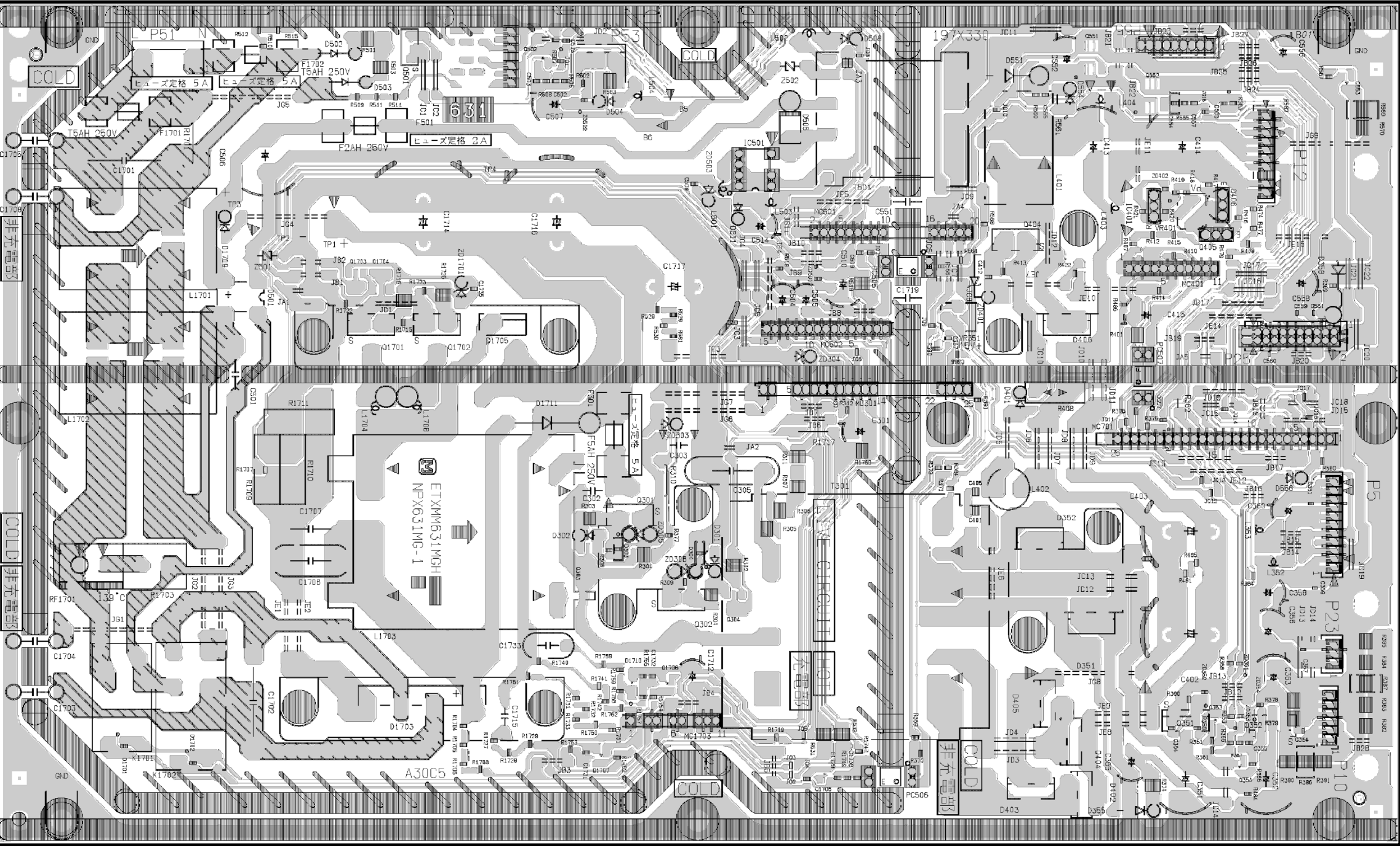
NOTE

[illegible]

13 Conductor Views

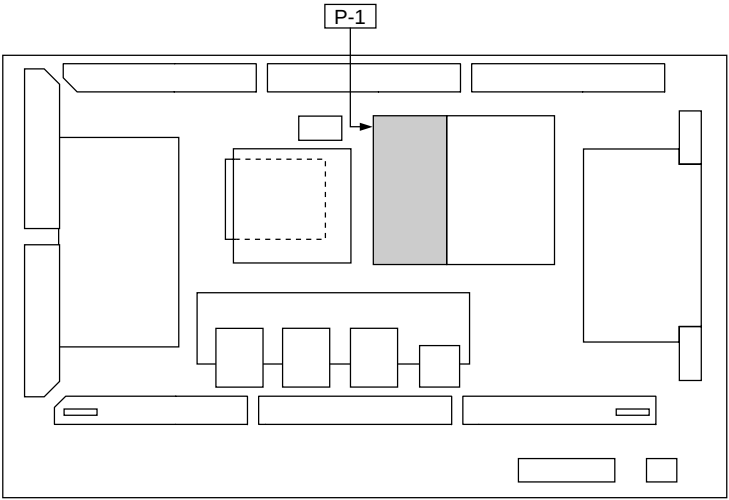
13.1. P-Board

P(P-1)-BOARD (FOIL SIDE)
ETXMM631MGH (NPX631MB-1)



TH-65PF9BK/EK
P-BOARD ETXMM631MGH

TH-65PF9BK/EK
P-BOARD ETXMM631MGH



Parts Location

P(P-1)-BOARD (FOIL SIDE)					
IC		TRANSISTOR			
IC401 IC501	G-4	Q301	E-3	VR351 VR401	F-3 H-2
	E-5	Q302	E-2		
		Q303	D-2		
		Q304	E-2		
MODULE		Q351	H-1		
MC301	F-3	Q352	H-1		
MC401	H-4	Q353	H-1		
MC502	F-4	Q354	H-1		
MC601	F-4	Q404	G-4		
MC701	H-3	Q405	H-4		
MC1703	E-2	Q406	H-4		
PHOTO COUPLER		Q501	C-5		
PC505	F-4	Q502	D-5		
PC506	F-1	Q551	G-5		
PC507	G-4	Q552	G-5		
VOLUME		Q553	H-5		
VR351	F-4	Q1701	C-4		
VR401	H-4	Q1702	D-4		
		Q1703	C-4		
		Q1704	C-4		
		Q1706	F-1		
		Q1707	D-1		
		Q1708	E-2		

TH-65PF9BK/EK
P-BOARD PARTS LOCATION

Parts Location

P(P-1)-BOARD (COMPONENT SIDE)					
IC		PHOTO COUPLER		VOLUME	
IC401	H-2	PC505	F-2	VR351	F-3
IC501	E-2	PC506	F-5	VR401	H-2
		PC507	H-3		
MODULE		TRANSISTOR			
MC301	F-3	Q301	E-4		
MC401	H-2	Q302	E-4		
MC502	F-3	Q351	H-5		
MC601	F-2	Q352	H-5		
MC701	H-3	Q404	G-2		
MC1703	E-5	Q405	H-2		
		Q406	H-2		
		Q501	C-1		
		Q1701	C-3		
		Q1702	D-3		

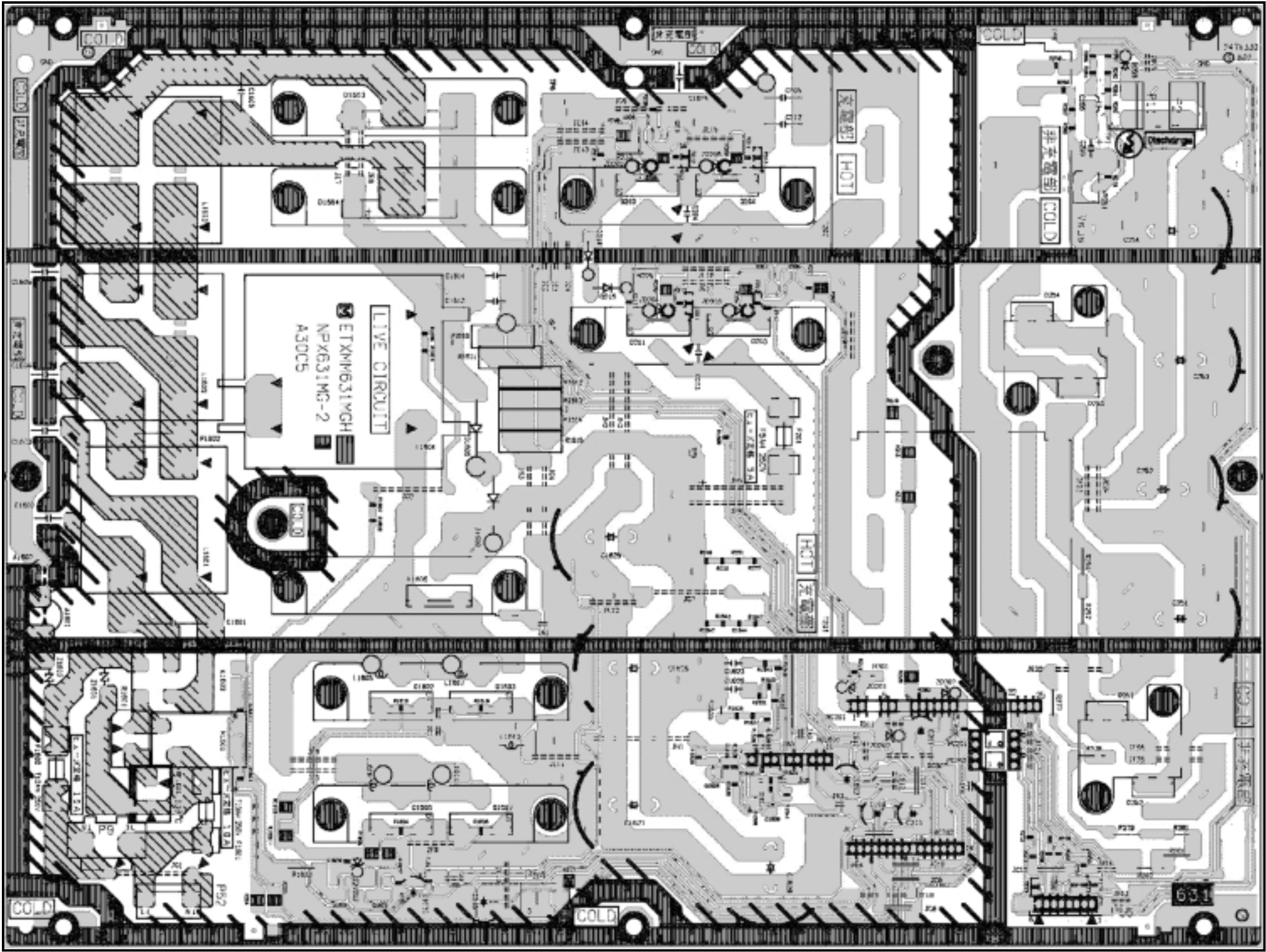
TH-65PF9BK/EK
P-BOARD PARTS LOCATION

197X330 W07

TH-65PF9BK/EK
P-BOARD ETXMM631MGH

P(P-2)-BOARD (FOIL SIDE)
ETXMM631MGH (NPX631MB-2)

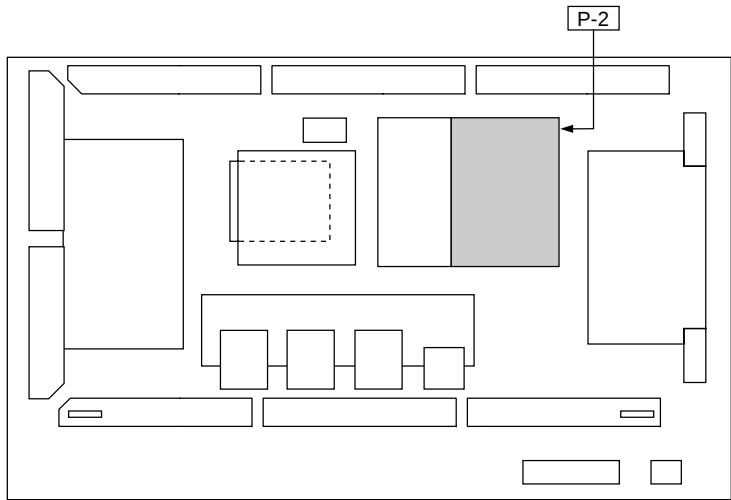
6
5
4
3
2
1



TH-65PF9BK/EK
P-BOARD ETXMM631MGH

TH-65PF9BK/EK
P-BOARD ETXMM631MGH

A B C D E F G H



Parts Location

P(P-2)-BOARD (FOIL SIDE)			
MODULE		TRANSISTOR	
MC201	F-2	Q201	E-4
MC202	F-1	Q202	E-5
MC1601	F-2	Q203	E-4
PHOTO COUPLER		Q204	E-5
		Q205	E-5
		Q206	F-5
		Q251	G-1
		Q1602	D-2
PC201	G-2	Q1603	D-2
PC202	G-2	Q1604	C-1
VOLUME		Q1605	C-1
VR251	G-5	Q1606	D-2
		Q1607	D-2
		Q1608	E-2
		Q1609	E-2

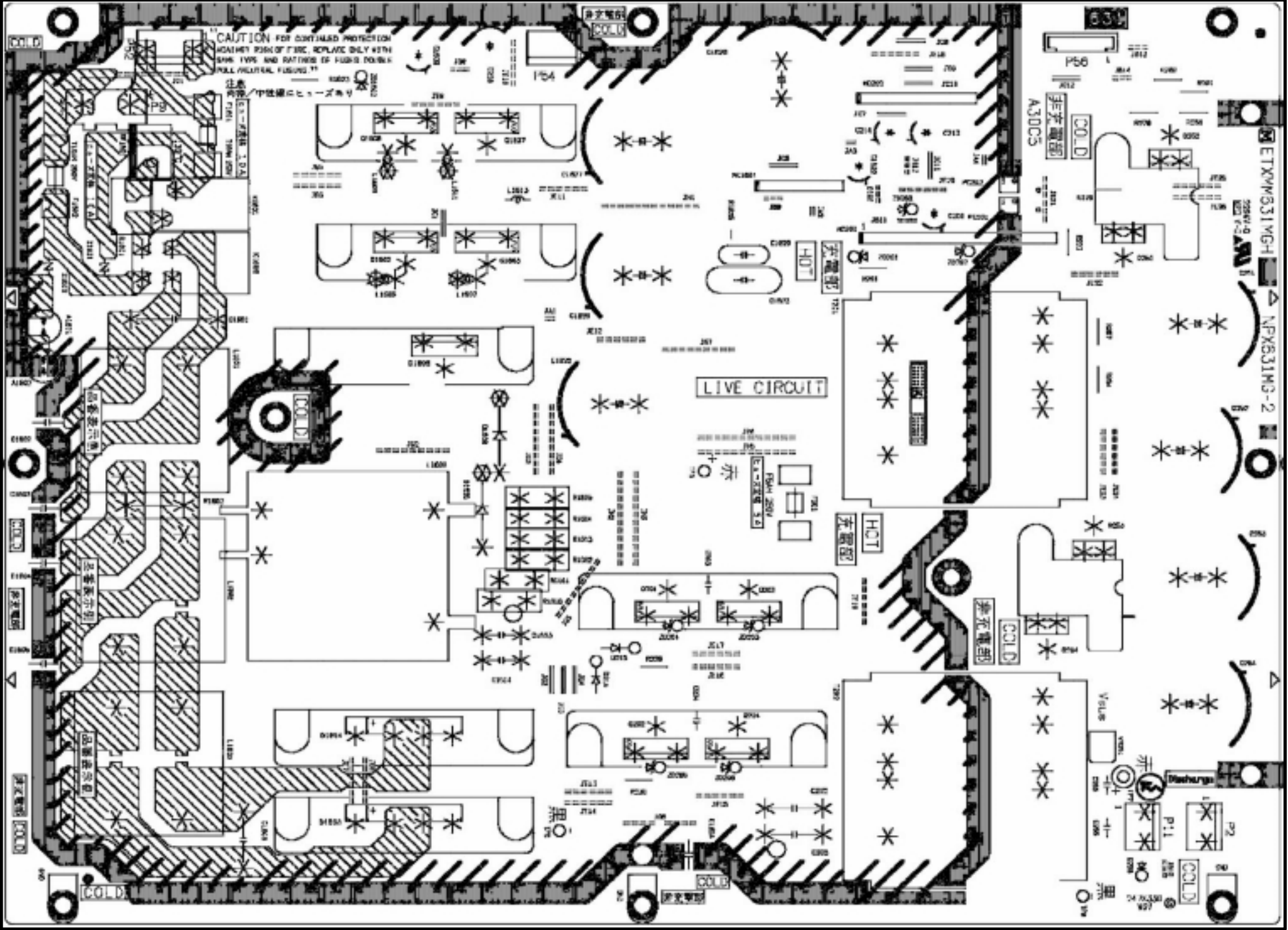
TH-65PF9BK/EK
P-BOARD PARTS LOCATION

Parts Location

P(P-2)-BOARD (COMPONENT SIDE)			
MODULE		TRANSISTOR	
MC201	F-5	Q201	E-3
MC202	F-5	Q202	E-2
MC1601	F-5	Q203	E-3
PHOTO COUPLER		Q204	E-2
		Q1602	D-5
		Q1603	D-5
		Q1606	D-5
		Q1607	D-5
PC201	G-5		
PC202	G-5		
VOLUME			
VR251	G-2		

TH-65PF9BK/EK
P-BOARD PARTS LOCATION

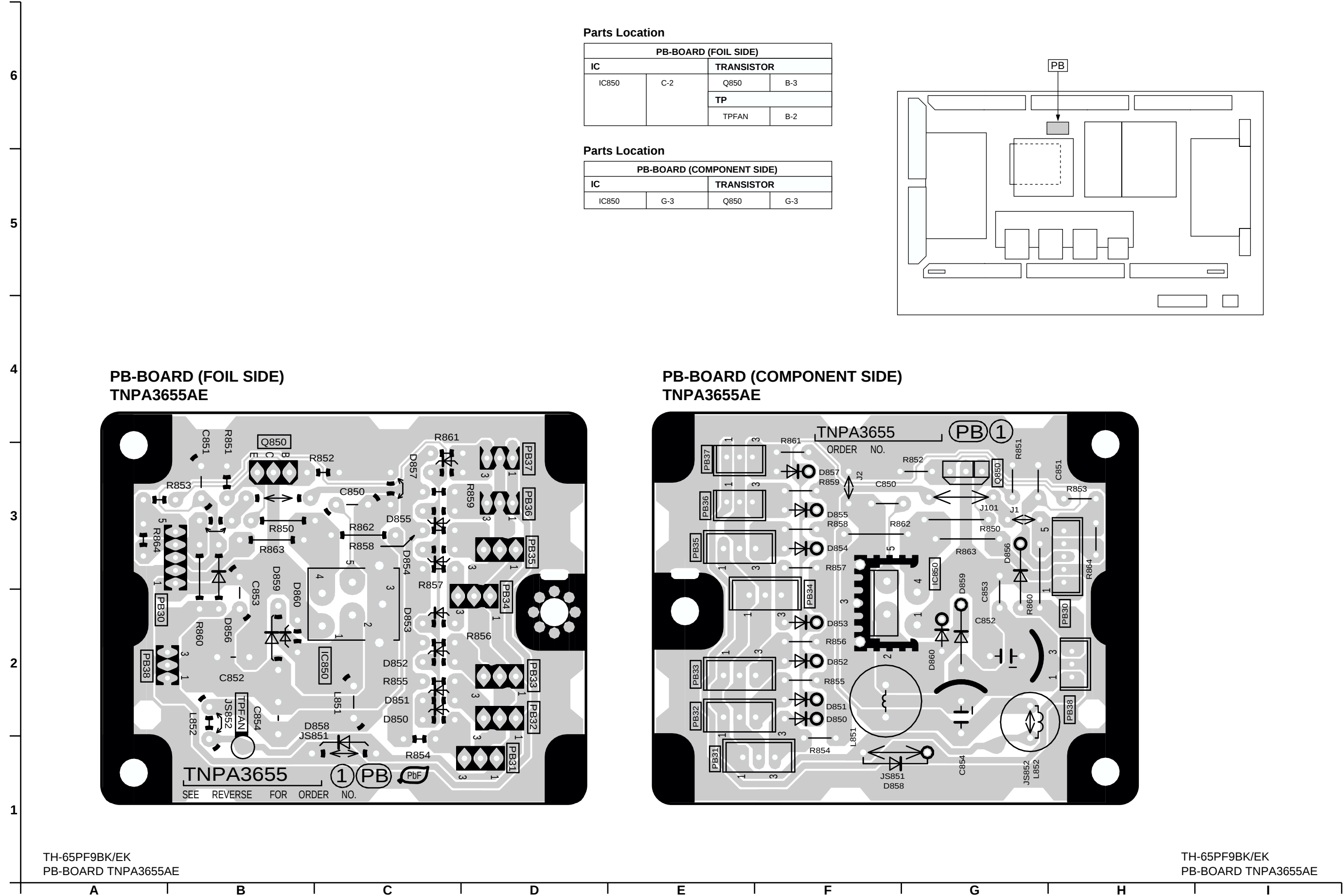
P(P-2)-BOARD (COMPONENT SIDE)
ETXMM631MGH (NPX631MB-2)



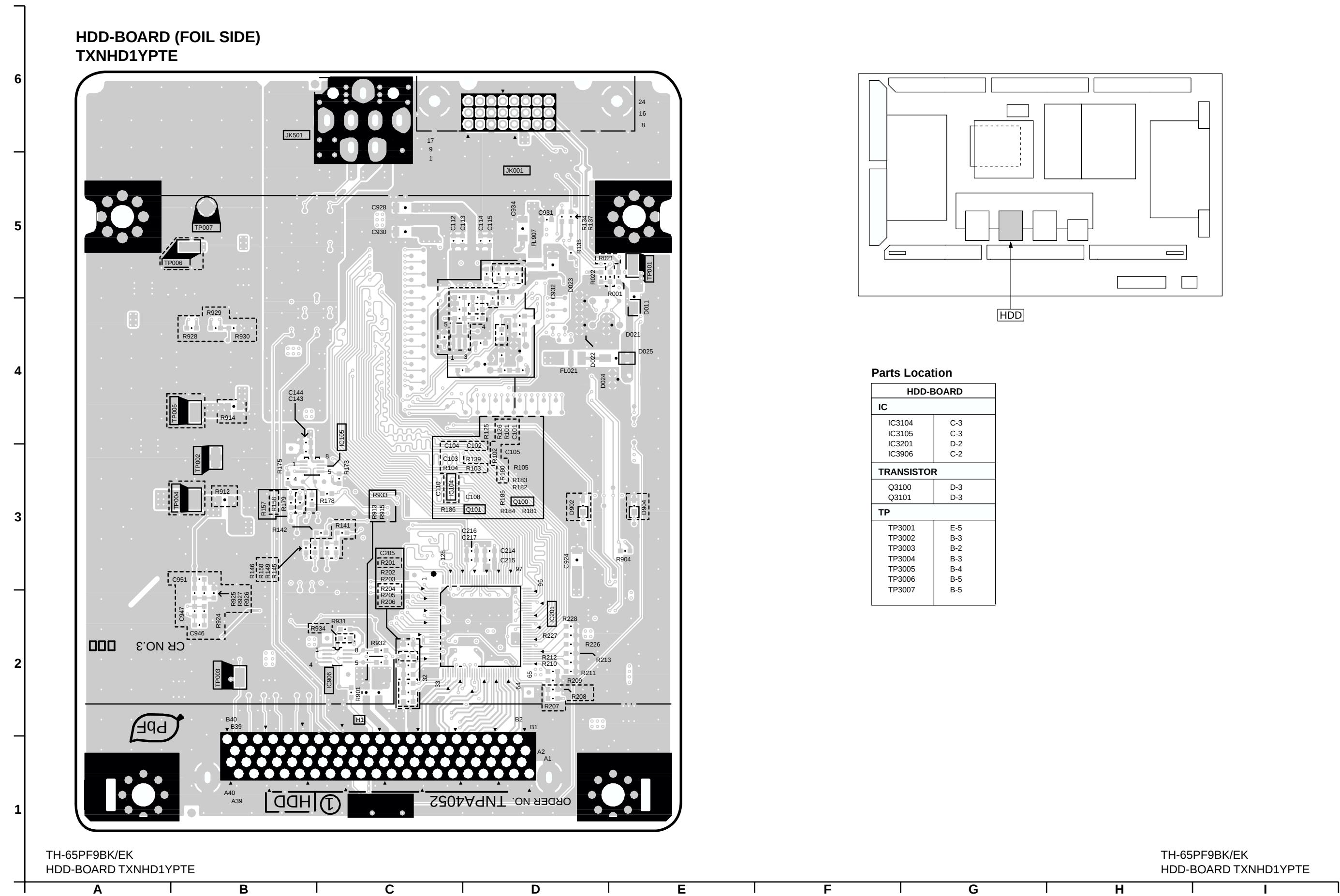
TH-65PF9BK/EK
P-BOARD ETXMM631MGH

TH-65PF9BK/EK
P-BOARD ETXMM631MGH

13.2. PB-Board



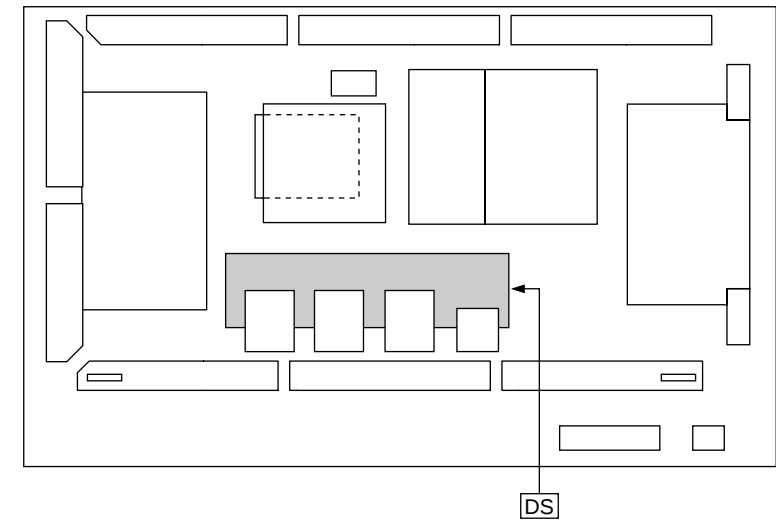
13.5. HDD-Board



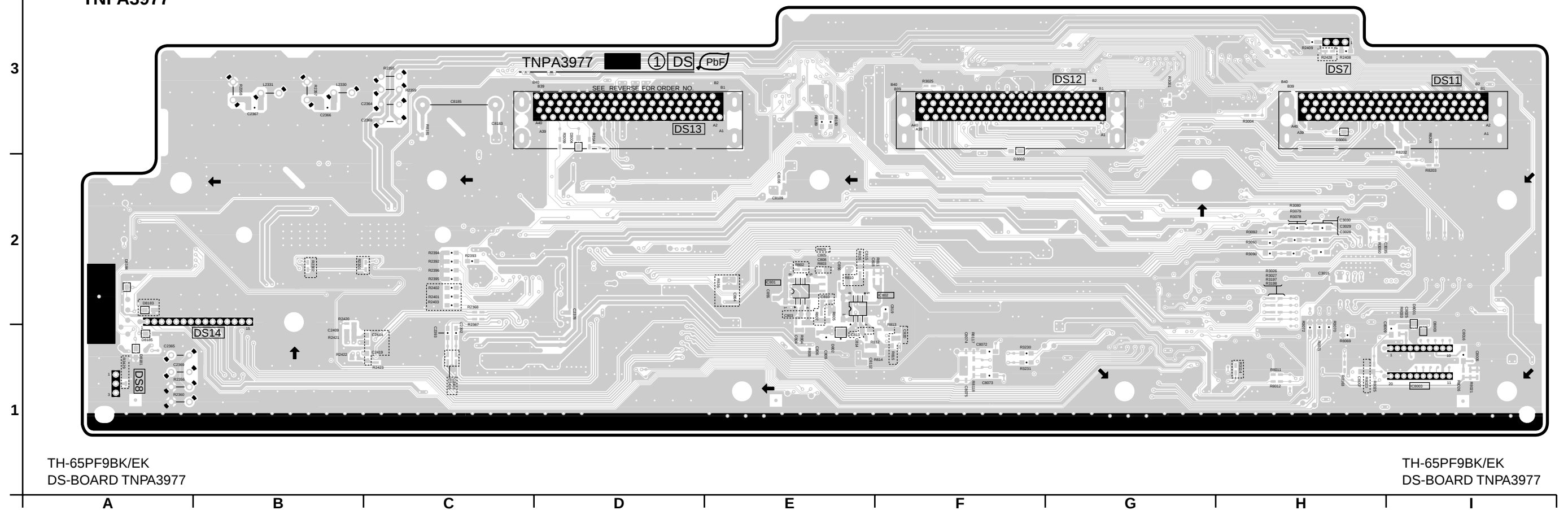


13.7. DS-Board

DS-BOARD (FOIL SIDE)	
IC	
IC801	E-2
IC802	F-2
IC8003	I-1



DS-BOARD (FOIL SIDE)
TNPA3977



6

5

4

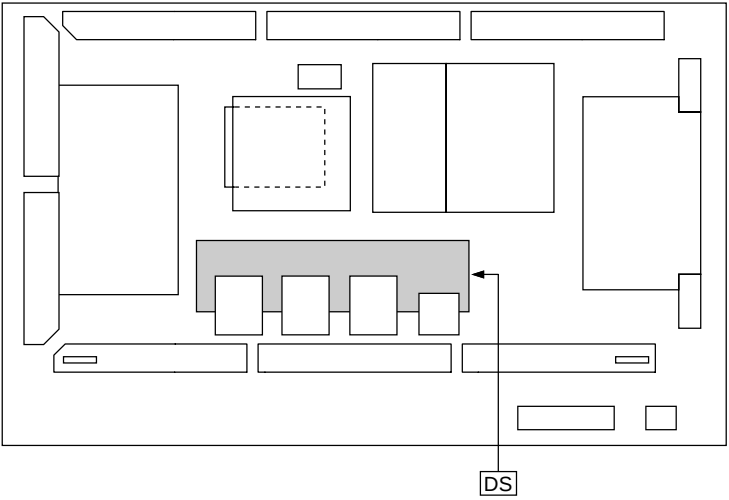
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2

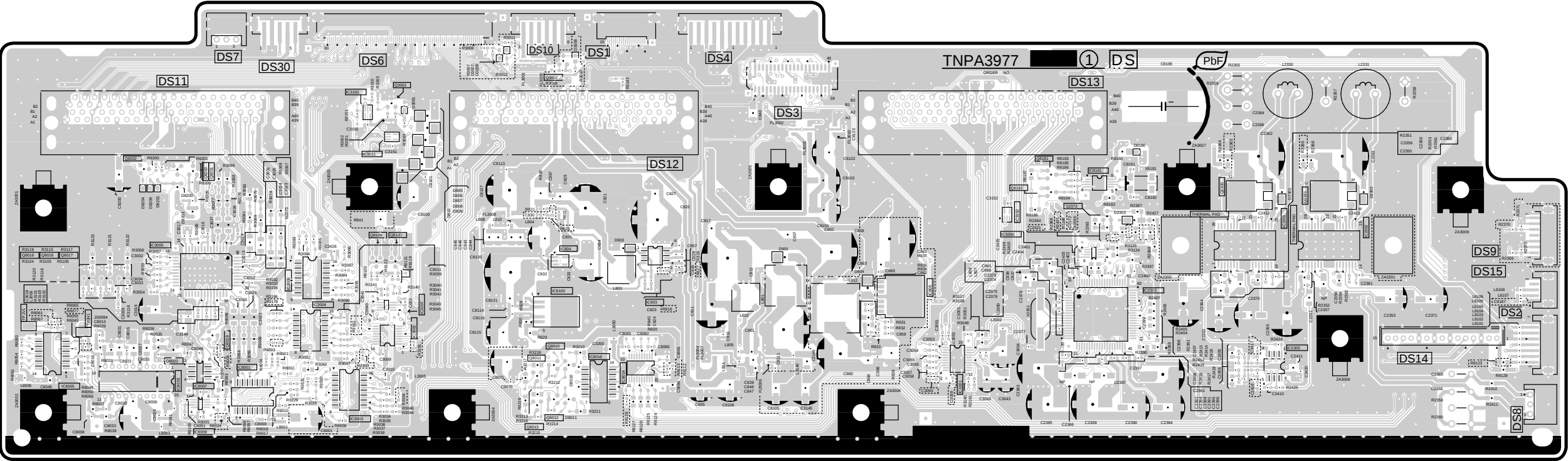
1

Parts Location

DS-BOARD (COMPONENT SIDE)			
IC		TRANSISTOR	
IC803	D-2	Q2300	H-2
IC804	D-2	Q2331	H-2
IC805	F-2	Q2372	G-2
IC2301	H-2	Q3001	C-3
IC2302	H-2	Q3002	D-3
IC2303	G-2	Q8002	B-1
IC2305	H-1	Q8010	D-1
IC3001	F-1	Q8011	D-1
IC3002	C-2	Q8012	D-1
IC3003	C-1	Q8013	D-1
IC3004	C-2	Q8016	A-2
IC3005	B-2	Q8017	A-2
IC3006	B-2	Q8018	A-2
IC3007	C-2	Q8019	B-1
IC3008	F-2	Q8181	G-2
IC3150	C-3	Q8182	F-2
IC3151	C-3	Q8183	C-2
IC3152	F-2	Q8184	C-2
IC8001	B-1	Q8200	B-2
IC8003	B-1	Q8201	B-2
IC8005	A-1	Q8202	B-2
IC8007	B-1	TP	
IC8009	B-1		
IC8014	D-1		
IC8016	D-1		
IC8100	D-2	TPJH1	A-2
IC8181	G-2	TPJV1	A-2



DS-BOARD (COMPONENT SIDE)
TNPA3977



TH-65PF9BK/EK
DS-BOARD TNPA3977

TH-65PF9BK/EK
DS-BOARD TNPA3977

13.8. DN-Board

6

5

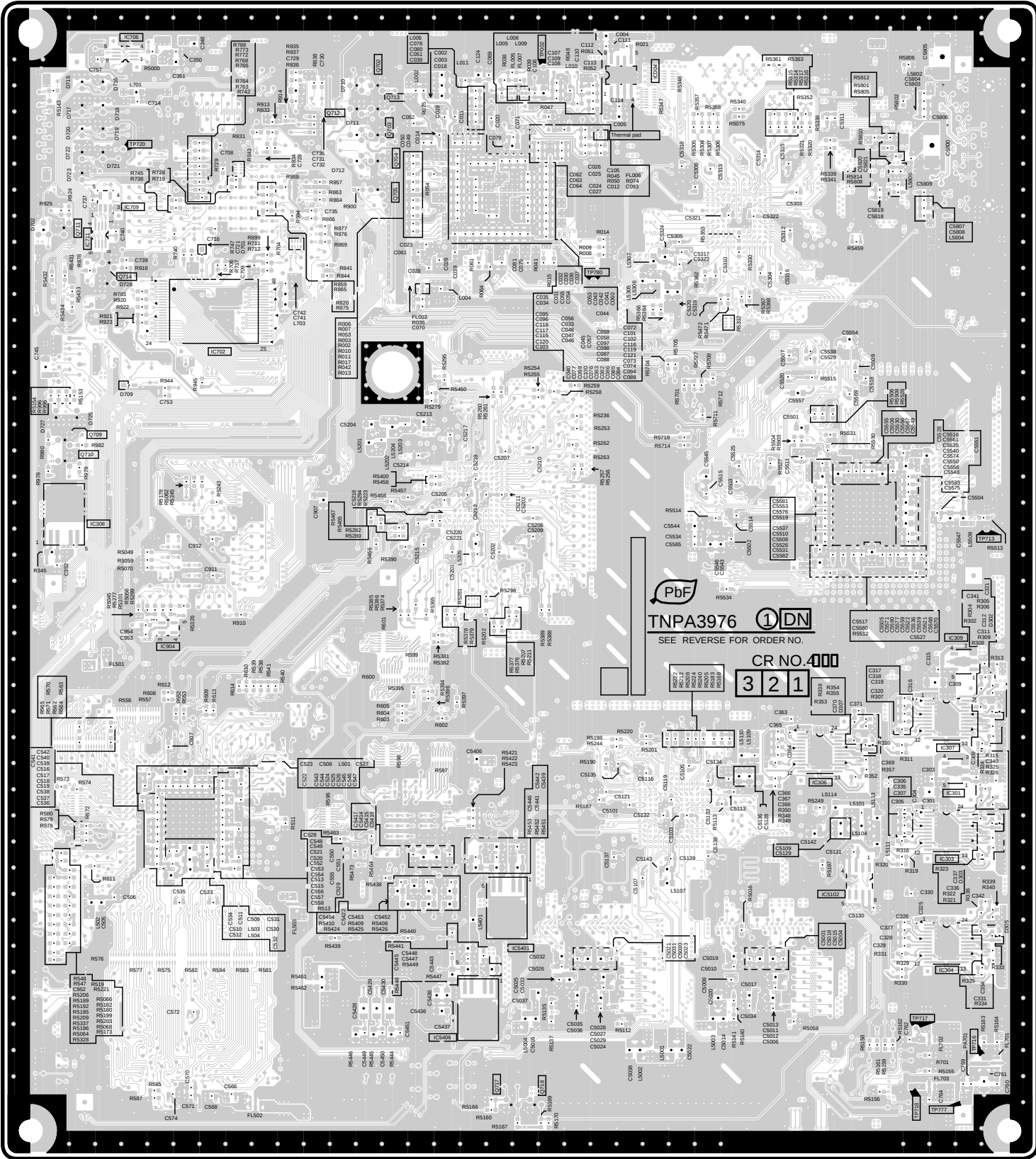
4

3

2

1

DN-BOARD (FOIL SIDE)
TZTNP01YPTU



TH-65PF9BK/EK
DN-BOARD TZTNP01YPTU

TH-65PF9BK/EK
DN-BOARD TZTNP01YPTU

A

B

C

D

E

F

G

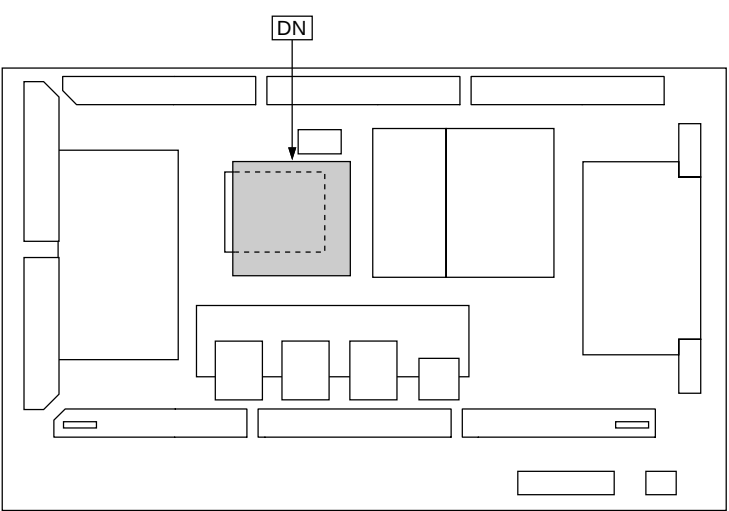
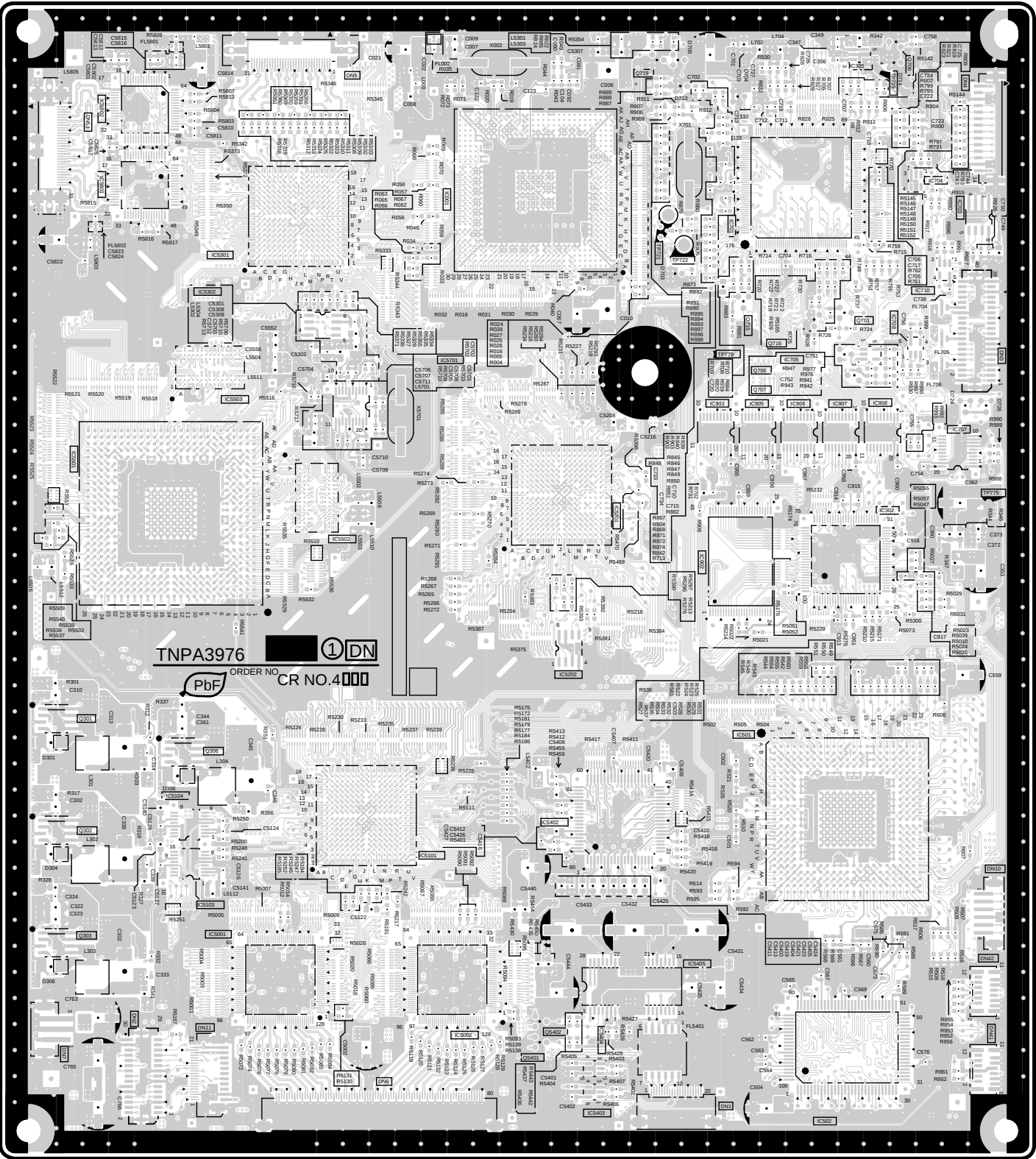
H

I

Parts Location

DN-BOARD (FOIL SIDE)			
IC		TRANSISTOR	
IC4004	D-6	Q4702	C-6
IC4301	E-3	Q4703	C-6
IC4303	E-2	Q4704	C-5
IC4304	E-2	Q4705	C-5
IC4306	E-3	Q4709	A-4
IC4307	E-3	Q4710	A-4
IC4308	A-4	Q4711	A-5
IC4309	E-3	Q4712	B-6
IC4702	B-5	Q4713	C-6
IC4706	A-6	Q4714	A-5
IC4709	A-5	Q4717	C-1
IC4711	A-5	Q4718	C-1
IC4904	B-3		
IC5102	E-2		
IC5401	C-2		
IC5406	C-1		
		TP	
		TP4002	C-6
		TP4713	E-4
		TP4716	E-1
		TP4717	E-1
		TP4718	E-1
		TP4720	A-6
		TP4777	E-1
		TP4780	D-5

DN-BOARD (COMPONENT SIDE)
TZTNP01YPTU



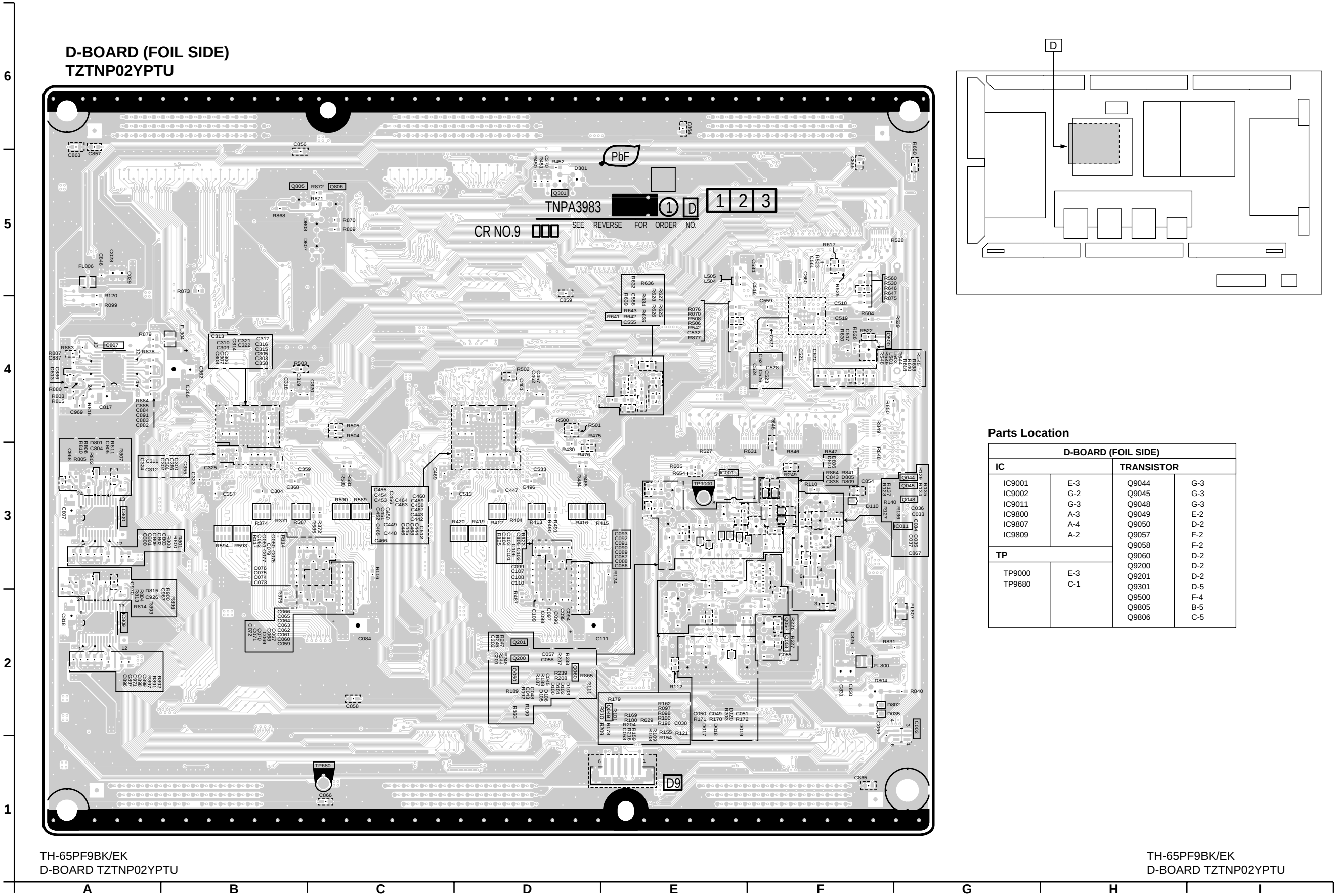
Parts Location

DN-BOARD (COMPONENT SIDE)			
IC		TRANSISTOR	
IC4001	C-5	Q4301	A-2
IC4302	E-4	Q4302	A-2
IC4305	E-5	Q4303	A-2
IC4501	D-3	Q4306	B-3
IC4502	E-1	Q4701	E-5
IC4701	D-5	Q4706	D-5
IC4703	E-5	Q4707	D-4
IC4704	E-5	Q4708	E-6
IC4705	E-5	Q4715	D-5
IC4707	E-4	Q4716	D-5
IC4708	E-5	Q4719	D-6
IC4710	E-5	Q5401	C-1
IC4902	D-4	Q5402	C-1
IC4903	D-4	TP	
IC4905	D-4		
IC4906	E-4	TP4719	E-6
IC4907	E-4		
IC4908	E-4	TP4721	D-5
IC5001	B-2	TP4722	D-5
IC5002	C-1	TP4775	E-4
IC5101	C-2	TP4779	D-5
IC5103	B-2		
IC5104	B-3		
IC5201	D-4		
IC5202	D-3		
IC5301	B-5		
IC5302	B-5		
IC5402	C-2		
IC5403	D-1		
IC5404	D-1		
IC5405	D-2		
IC5501	A-4		
IC5502	B-4		
IC5503	B-4		
IC5701	C-5		
IC5801	A-5		
IC5802	A-6		

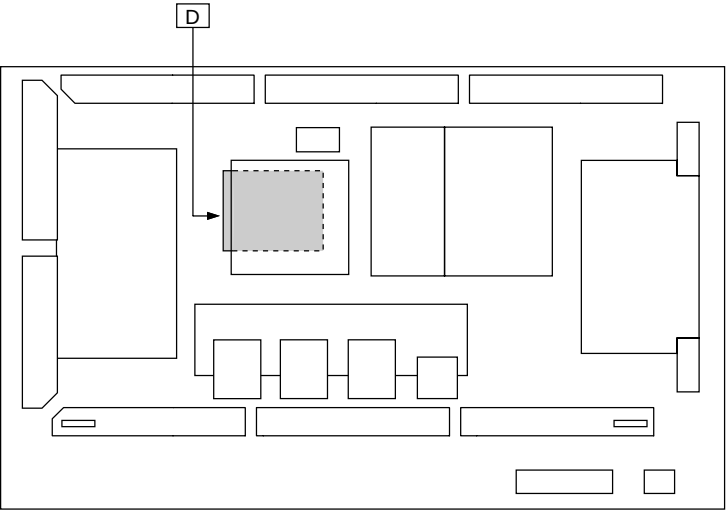
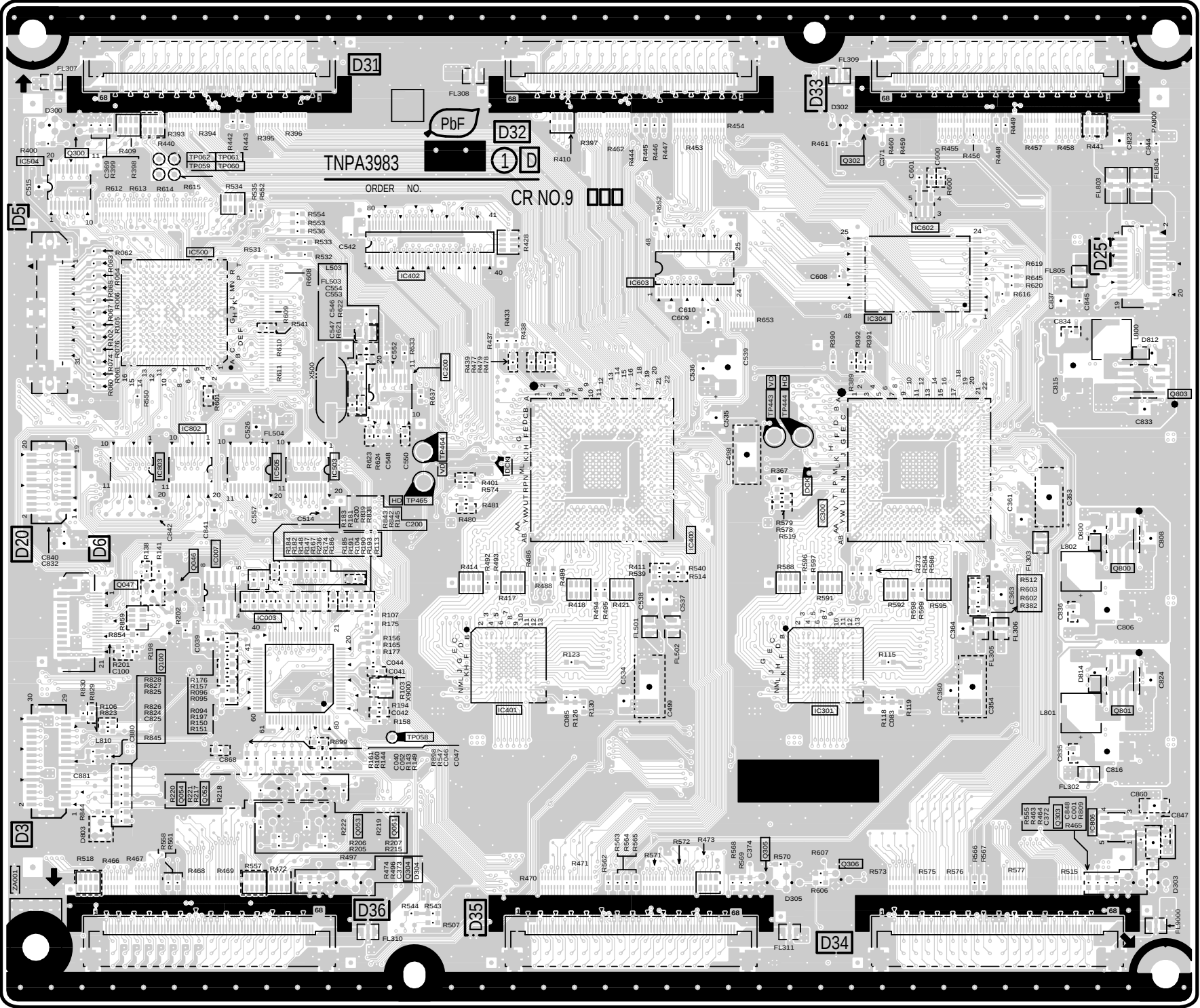
TH-65PF9BK/EK
DN-BOARD TZTNP01YPTU

TH-65PF9BK/EK
DN-BOARD TZTNP01YPTU

13.9. D-Board



D-BOARD (COMPONENT SIDE)
TZTNP02YPTU



Parts Location

D-BOARD (COMPONENT SIDE)			
IC		TRANSISTOR	
IC9003	B-3	Q9046	B-3
IC9007	B-3	Q9047	A-3
IC9200	C-4	Q9051	C-2
IC9300	E-3	Q9052	B-2
IC9301	E-2	Q9053	C-2
IC9304	E-4	Q9054	B-2
IC9400	D-3	Q9100	B-3
IC9401	C-2	Q9300	A-5
IC9402	C-5	Q9302	E-5
IC9500	B-5	Q9303	F-2
IC9503	B-4	Q9304	C-1
IC9504	A-1	Q9305	E-2
IC9505	B-4	Q9306	E-2
IC9602	E-5	Q9800	F-3
IC9603	D-5	Q9801	F-2
IC9802	B-4	Q9803	G-4
IC9803	A-4		
IC9806	F-2		
TP			
		TP9058	C-2
		TP9059	B-5
		TP9060	B-5
		TP9061	B-5
		TP9062	B-5
		TP9443	E-4
		TP9444	E-4
		TP9464	C-4
		TP9465	C-4

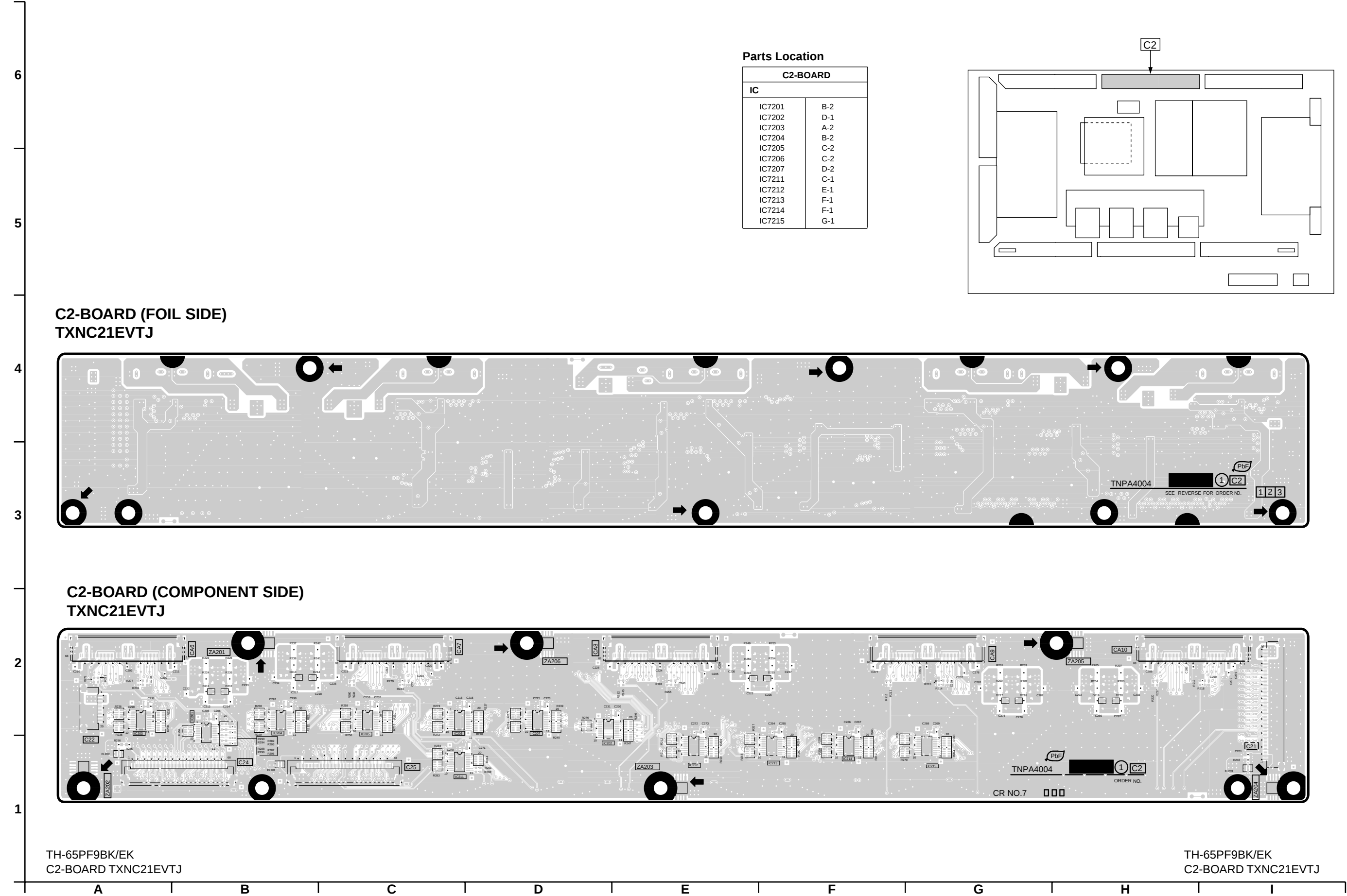
TH-65PF9BK/EK
D-BOARD TZTNP02YPTU

TH-65PF9BK/EK
D-BOARD TZTNP02YPTU

13.10. C1-Board



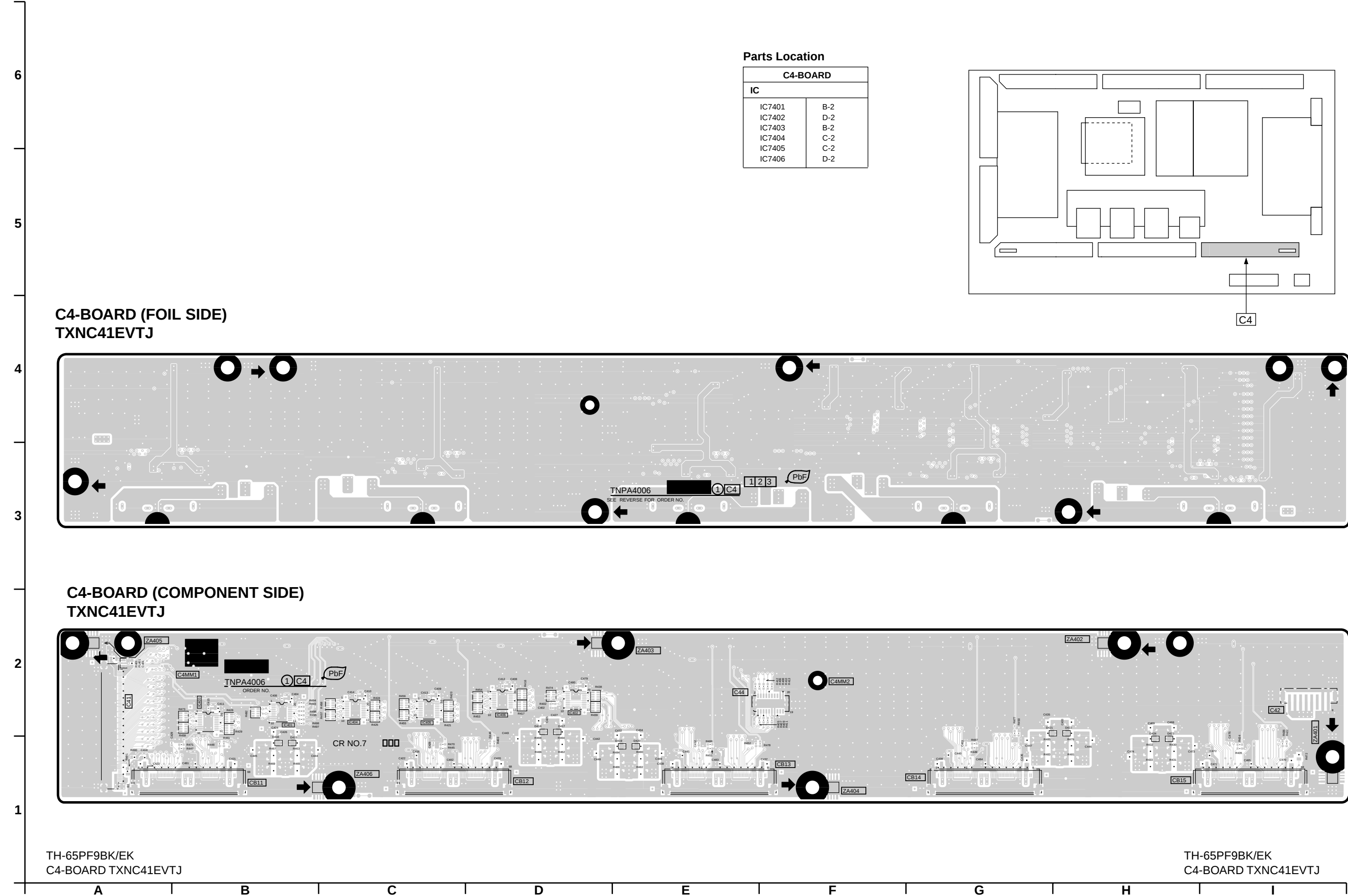
13.11. C2-Board



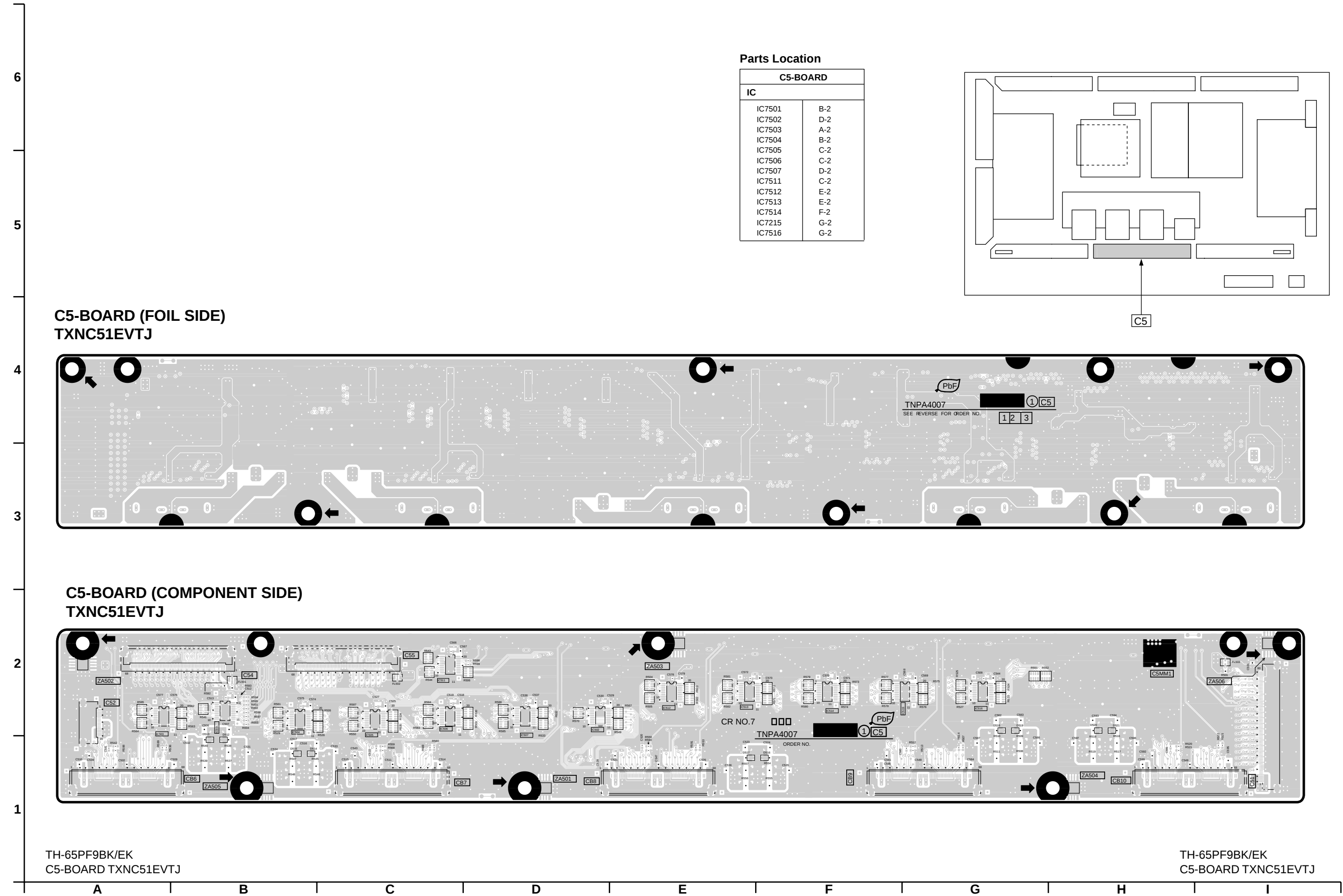
13.12. C3-Board



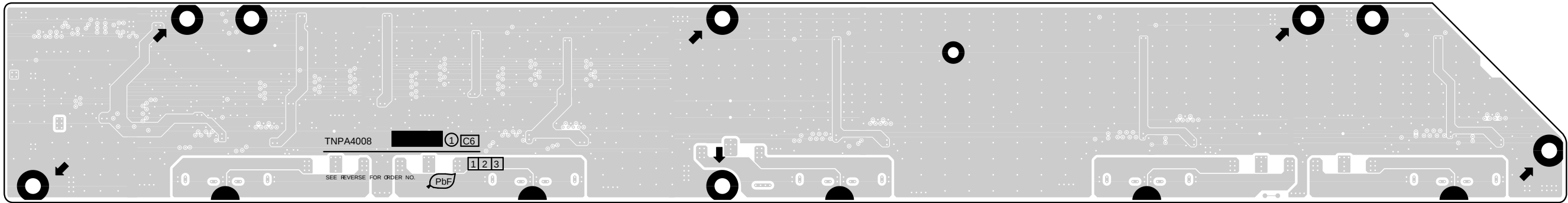
13.13. C4-Board



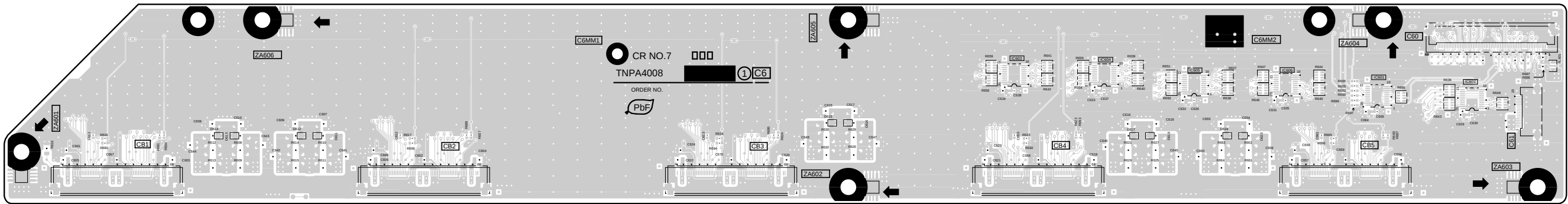
13.14. C5-Board



C6-BOARD	
IC	
IC7601	H-2
IC7602	I-2
IC7603	F-2
IC7604	G-2
IC7605	G-5
IC7606	H-2

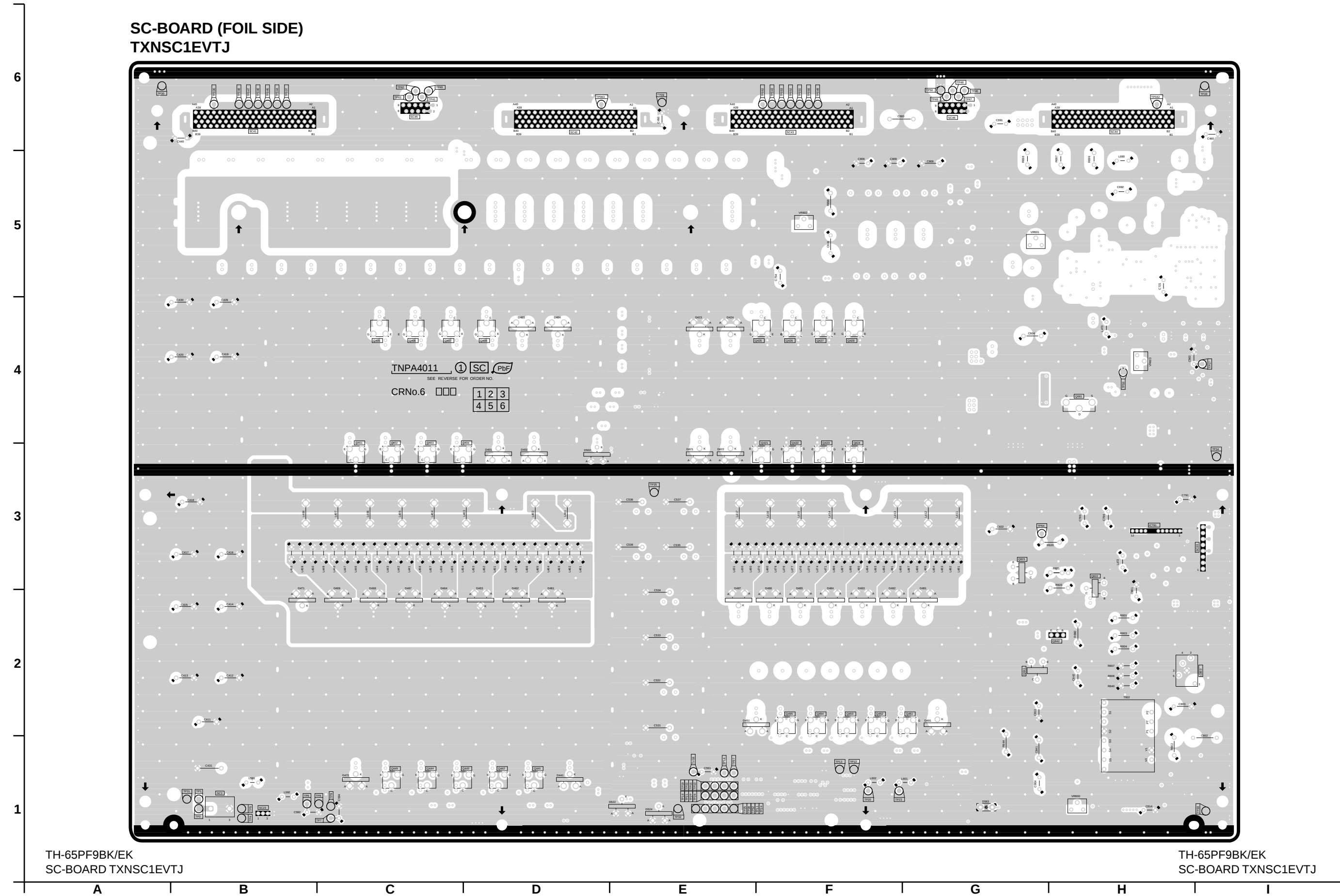


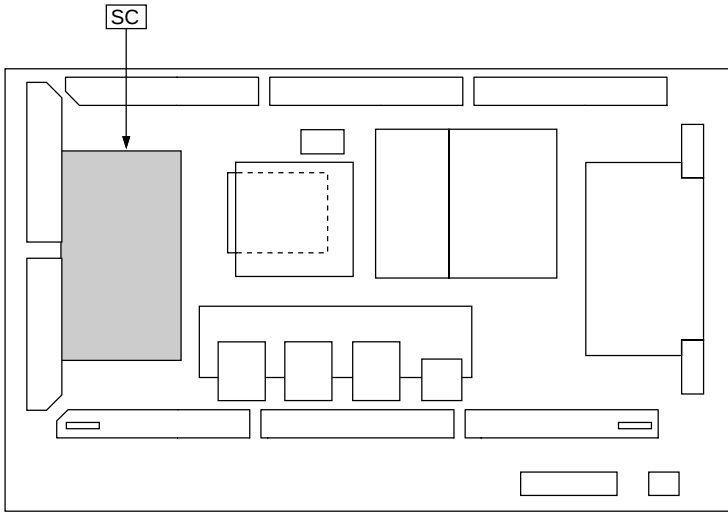
C6-BOARD (COMPONENT SIDE)
TXNC61EVTJ



TH-65PF9BK/EK
C6-BOARD TXNC61EVTJ

13.16. SC-Board





Parts Location

SC-BOARD (FOIL SIDE)					
IC		TP		TP23	F-1
IC6791	H-3	TP036	B-6	TP24	E-1
IC6803	I-2	TP037	B-6	TP25	E-1
TRANSISTOR		TP042	H-6	TP26	E-1
Q6401	C-4	TP043	F-6	TP27	E-1
Q6402	C-4	TP044	B-6	TP28	I-6
Q6403	C-4	TP045	B-6	TP29	E-6
Q6404	C-4	TP046	B-6	TP30	A-6
Q6405	C-4	TP047	B-6	TP31	B-1
Q6406	C-4	TP048	B-6	TP32	E-1
Q6407	C-4	TP049	F-6	TP33	I-1
Q6408	D-4	TP050	F-6	TP34	I-3
Q6421	F-4	TP051	F-6	TP35	E-3
Q6422	F-4	TP052	F-6	TP38	E-1
Q6423	F-4	TP062	F-6	TP39	E-1
Q6424	F-4	TP063	D-6	TP40	C-6
Q6425	F-4	TP1	B-1	TP41	C-6
Q6426	F-4	TP2	B-1	TP42	C-6
Q6427	F-4	TP4	B-1	TP43	C-6
Q6428	F-4	TP5	B-1	TP46	G-6
Q6441	D-1	TP6	B-1	TP47	G-6
Q6442	D-1	TP7	C-1	TP48	G-6
Q6443	D-1	TP8	C-1	TP49	G-6
Q6444	C-1	TP9	C-1	TP50	G-6
Q6445	C-1	TP10	E-1	TP52	E-1
Q6451	G-2	TP11	E-1	TP53	H-4
Q6452	F-2	TP12	F-1	TP64	G-3
Q6453	F-2	TP13	F-1	VOLUME	
Q6454	F-2	TP14	E-1	VR6600	H-1
Q6455	F-2	TP15	E-1	VR6601	G-5
Q6661	H-4	TP16	E-1	VR6602	F-5
Q6821	G-3	TP17	I-4	VR6603	H-4
Q6822	H-3	TP18	E-1		
Q6841	G-2	TP19	E-1		
Q6842	H-2	TP20	F-1		
		TP21	E-1		
		TP22	E-1		

TH-65PF9BK/EK
SC-BOARD PARTS LOCATION

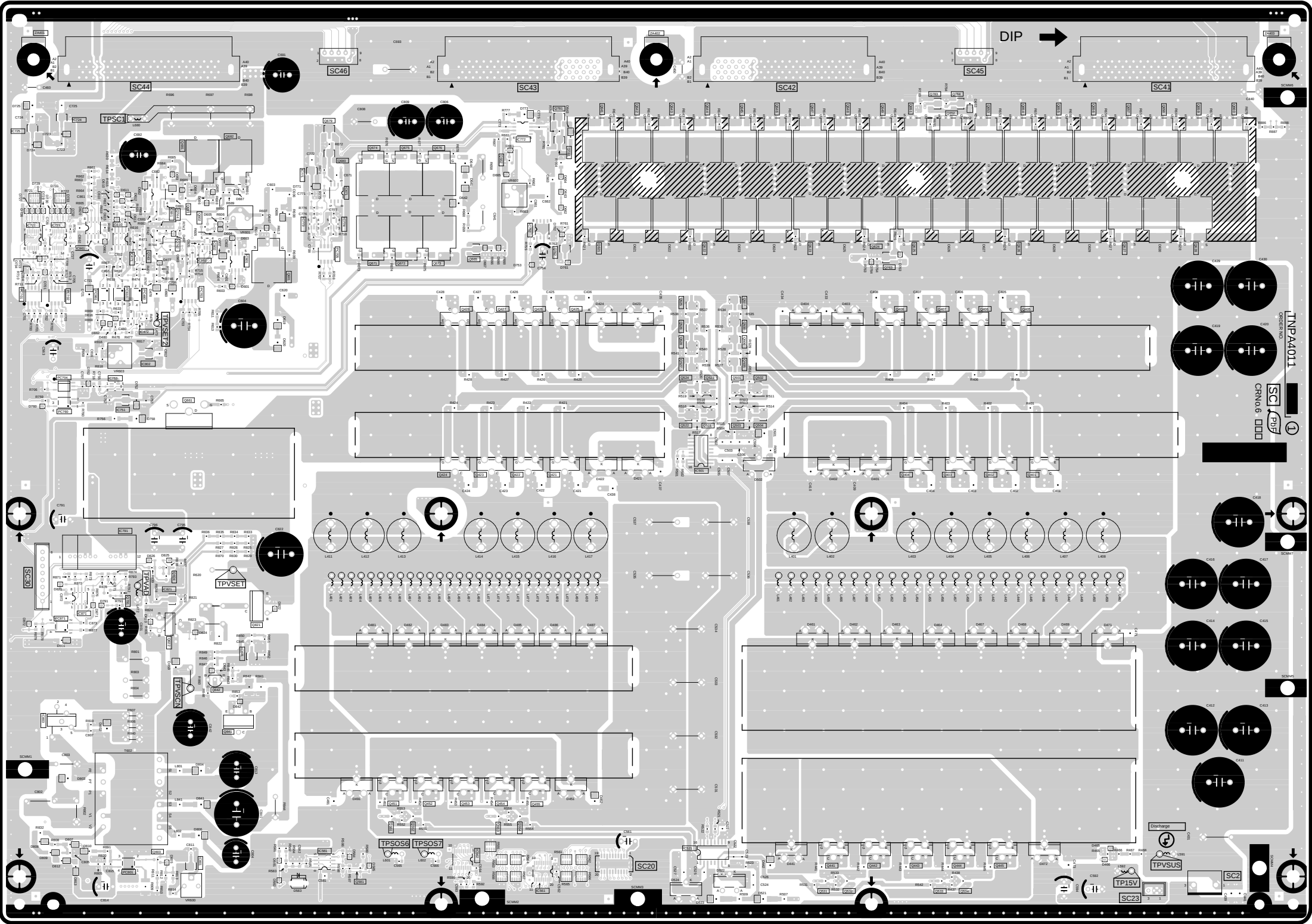
Parts Location

SC-BOARD (COMPONENT SIDE)									
IC		PHOTO COUPLER		Q6501	E-4	Q6648	F-6	TP	
IC6471	B-5	PC6480	B-4	Q6502	F-4	Q6649	F-6	TP15V	H-1
IC6472	B-4	PC6610	B-4	Q6503	E-4	Q6651	G-6	TPSC1	B-5
IC6501	E-3	PC6701	A-4	Q6504	F-4	Q6652	G-6	TPSOS6	C-1
IC6521	E-1	PC6702	B-4	Q6505	F-4	Q6653	G-6	TPSOS7	D-1
IC6561	D-1	PC6703	B-4	Q6506	F-4	Q6654	G-6	TPVAD	B-3
IC6562	D-1	PC6704	B-4	Q6507	F-4	Q6655	G-6	TPVSCN	B-2
IC6581	C-1	PC6705	C-5	Q6508	F-4	Q6656	G-6	TPVSET	C-4
IC6601	C-5	PC6760	B-4	Q6521	E-4	Q6657	H-6	TPVSET2	B-4
IC6602	B-5	PC6801	B-1	Q6522	E-4	Q6658	H-6	TPVSUS	H-1
IC6610	B-5	PC6861	B-4	Q6523	E-4	Q6659	H-6	VOLUME	
IC6671	C-5	PC6871	B-3	Q6524	E-4	Q6660	H-6	VR6600	B-1
IC6681	B-5	TRANSISTOR		Q6525	E-4	Q6661	B-4	VR6601	C-5
IC6682	B-5	Q6401	G-3	Q6526	E-4	Q6662	D-5	VR6602	D-5
IC6721	A-5	Q6402	G-3	Q6527	E-4	Q6665	D-5	VR6603	B-4
IC6722	B-5	Q6403	G-3	Q6528	E-4	Q6671	C-5		
IC6724	B-5	Q6404	F-3	Q6531	F-1	Q6672	D-5		
IC6725	A-5	Q6405	G-4	Q6532	F-1	Q6673	D-5		
IC6751	B-4	Q6406	G-4	Q6533	G-1	Q6674	C-5		
IC6752	D-5	Q6407	G-4	Q6534	G-1	Q6675	D-5		
IC6753	B-4	Q6408	F-4	Q6551	C-1	Q6676	D-5		
IC6771	C-5	Q6421	D-3	Q6552	D-1	Q6679	C-5		
IC6772	D-5	Q6422	D-3	Q6553	D-1	Q6680	C-5		
IC6773	C-5	Q6423	D-3	Q6554	D-1	Q6681	B-5		
IC6774	C-5	Q6424	D-3	Q6581	C-1	Q6682	C-5		
IC6791	B-3	Q6425	D-4	Q6601	C-5	Q6691	B-5		
IC6801	B-1	Q6426	D-4	Q6602	B-5	Q6742	B-5		
IC6802	B-4	Q6427	D-4	Q6621	E-5	Q6743	B-5		
IC6803	A-2	Q6428	D-4	Q6622	E-5	Q6744	B-5		
IC6821	B-3	Q6441	F-1	Q6623	F-5	Q6762	D-5		
IC6841	C-2	Q6442	F-1	Q6624	F-5	Q6763	F-5		
IC6861	B-5	Q6443	G-1	Q6625	G-5	Q6781	D-6		
IC6871	B-3	Q6444	G-1	Q6626	G-5	Q6782	D-5		
		Q6445	G-1	Q6627	H-5	Q6783	G-6		
		Q6451	C-1	Q6628	H-5	Q6784	G-6		
		Q6452	D-1	Q6641	E-6	Q6791	B-3		
		Q6453	D-1	Q6642	E-6	Q6803	B-1		
		Q6454	D-1	Q6643	E-6	Q6821	C-3		
		Q6455	D-1	Q6644	E-6	Q6822	B-2		
				Q6645	F-6	Q6824	B-3		
				Q6646	F-6	Q6841	C-2		
				Q6647	F-6	Q6842	B-2		

TH-65PF9BK/EK
SC-BOARD PARTS LOCATION

SC-BOARD (COMPONENT SIDE)
TXNSC1EVTJ

6
5
4
3
2
1



TH-65PF9BK/EK
SC-BOARD TXNSC1EVTJ

TH-65PF9BK/EK
SC-BOARD TXNSC1EVTJ

A

B

C

D

E

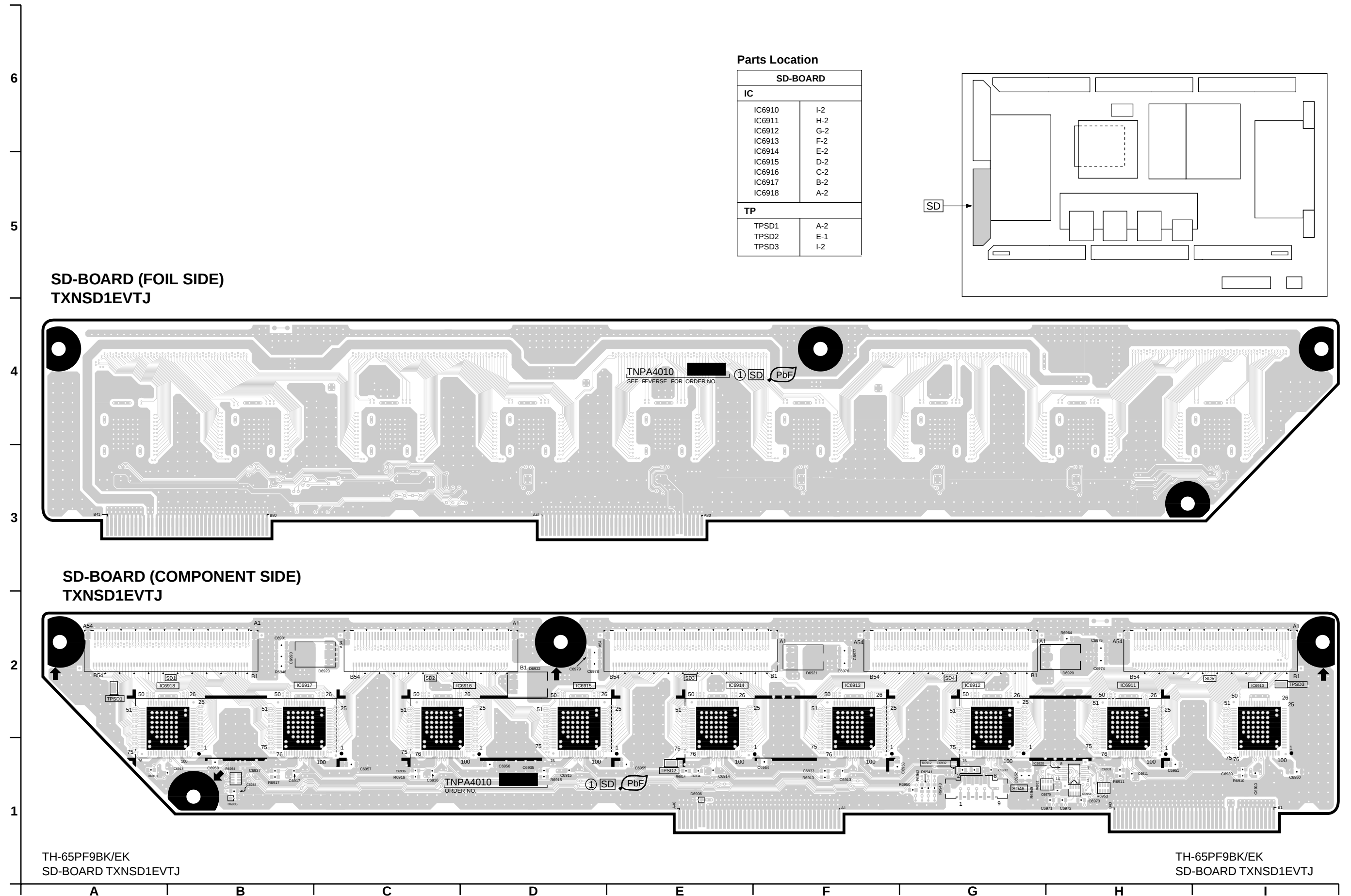
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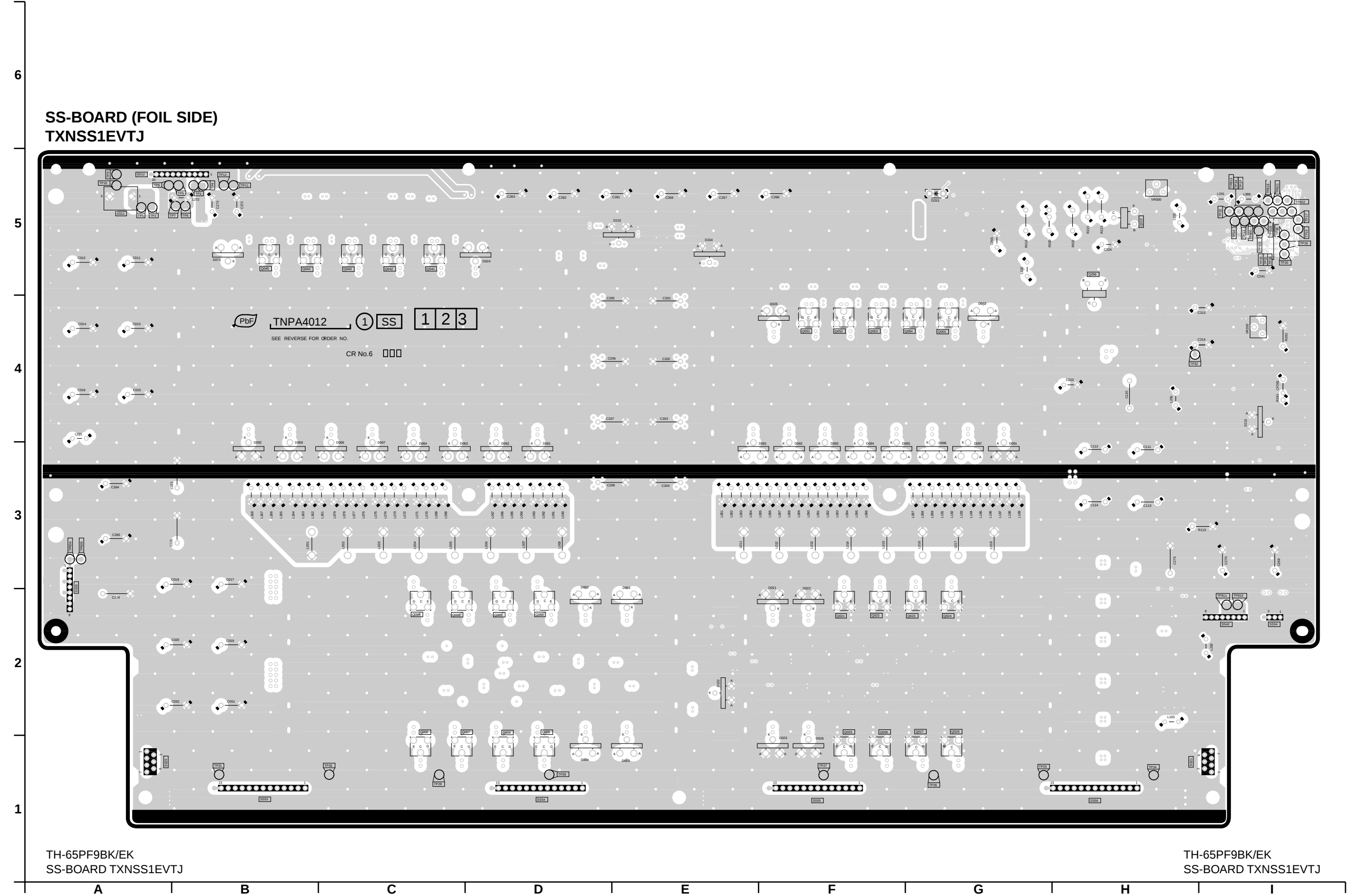
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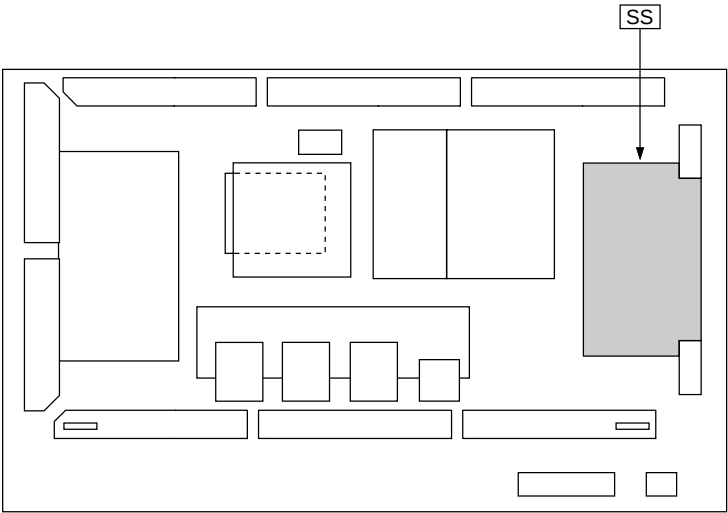


13.18. SD-Board



13.19. SS-Board





Parts Location

SS-BOARD (FOIL SIDE)					
TRANSISTOR		TP			
Q6001	D-2	TP1	A-5	TP6904	A-3
Q6002	D-2	TP2	A-5	TP6905	A-3
Q6003	C-2	TP3	B-5	TP6910	I-2
Q6004	C-2	TP4	B-5	TP6911	I-2
Q6005	D-2	TP5	B-5	TP6913	I-5
Q6006	D-2	TP6	A-5	TP6918	I-5
Q6007	C-2	TP7	B-5	TP6919	I-5
Q6008	C-2	TP8	B-5	TP6920	I-5
Q6021	F-2	TP9	A-5	TP6921	I-5
Q6022	F-2	TP10	A-5	TP6922	I-5
Q6023	G-2	TP11	B-5	TP6923	I-5
Q6024	G-2	TP12	B-5	VOLUME	
Q6025	F-2	TP13	I-5	VR6000	H-5
Q6026	F-2	TP14	I-5	VR6200	I-4
Q6027	G-2	TP15	I-5		
Q6028	G-2	TP17	I-5		
Q6041	C-5	TP18	I-5		
Q6042	C-5	TP19	I-5		
Q6043	C-5	TP20	I-5		
Q6044	B-5	TP21	I-5		
Q6045	B-5	TP22	I-5		
Q6051	F-4	TP23	I-5		
Q6052	F-4	TP24	H-1		
Q6053	F-4	TP25	G-1		
Q6054	G-4	TP26	G-1		
Q6055	G-4	TP27	F-1		
Q6222	H-5	TP28	D-1		
Q6256	H-5	TP29	C-1		
		TP30	C-1		
		TP31	B-1		
		TP32	H-4		
		TP33	I-5		
		TP34	I-5		

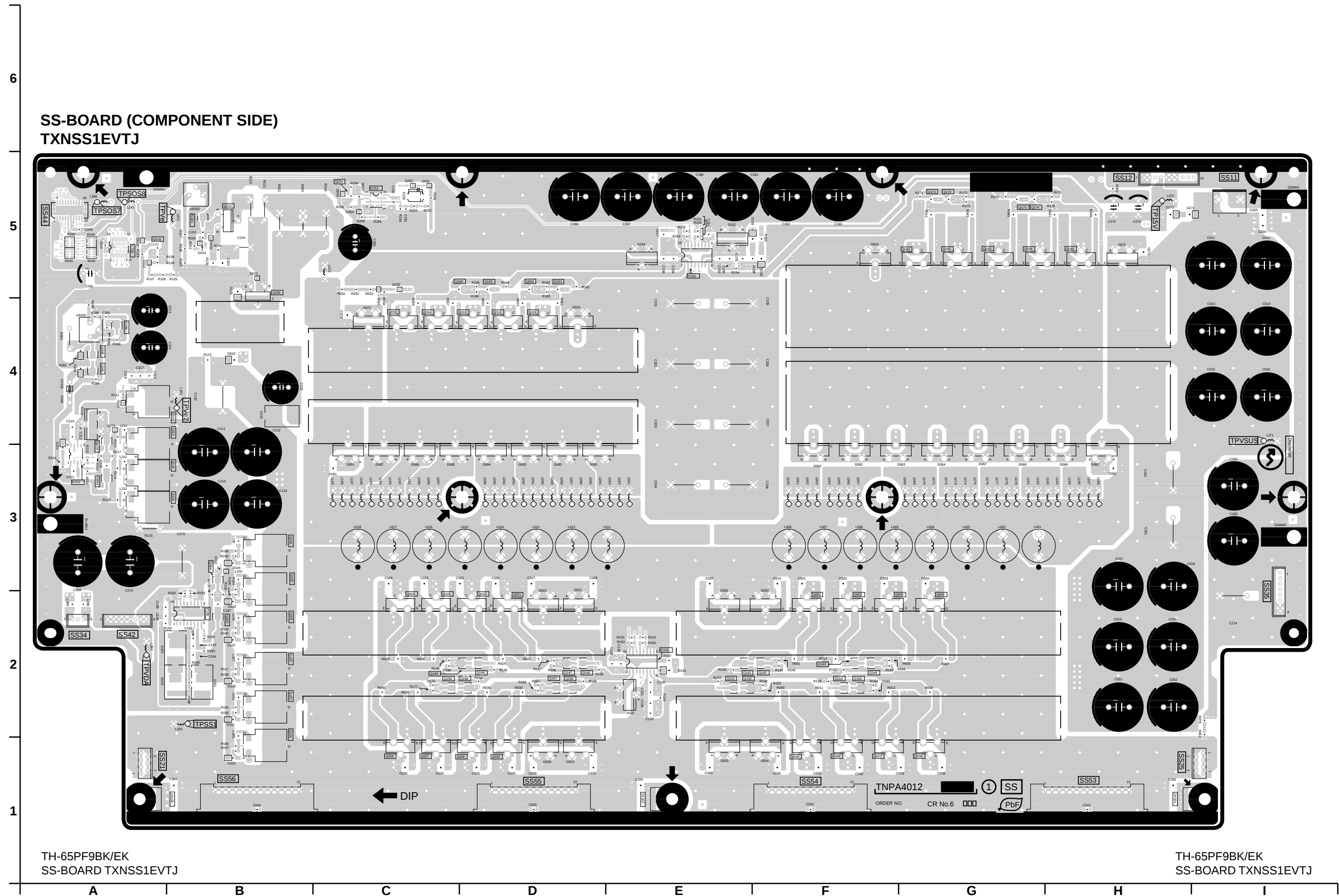
TH-65PF9BK/EK
SS-BOARD PARTS LOCATION

Parts Location

SS-BOARD (COMPONENT SIDE)							
IC		TRANSISTOR				TP	
IC6131	E-2	Q6001	F-3	Q6141	E-2	TP15V	H-5
IC6151	E-5	Q6002	F-3	Q6142	F-2	TPSOS7	A-5
IC6191	B-2	Q6003	F-3	Q6143	F-2	TPSOS8	A-5
IC6211	A-3	Q6004	G-3	Q6144	F-2	TPSS1	B-2
IC6221	B-5	Q6005	F-1	Q6146	D-2	TPVDA	A-2
IC6241	A-5	Q6006	F-1	Q6147	D-2	TPVe	A-5
IC6251	C-5	Q6007	F-1	Q6148	D-2	TPVe2	B-4
IC6281	A-4	Q6008	G-1	Q6149	C-2	TPVSUS	I-4
		Q6021	D-3	Q6151	E-2	VOLUME	
		Q6022	D-3	Q6152	E-2	VR6000	B-5
		Q6023	C-3	Q6153	F-2	VR6200	A-4
		Q6024	C-3	Q6154	F-2		
		Q6025	D-1	Q6156	D-2		
		Q6026	D-1	Q6157	D-2		
		Q6027	C-1	Q6158	D-2		
		Q6028	C-1	Q6159	C-2		
		Q6031	D-5	Q6171	G-5		
		Q6041	G-5	Q6172	G-5		
		Q6042	G-5	Q6173	G-5		
		Q6043	G-5	Q6174	G-5		
		Q6044	G-5	Q6181	D-5		
		Q6045	H-5	Q6183	D-5		
		Q6051	D-4	Q6184	C-5		
		Q6052	D-4	Q6211	A-3		
		Q6053	D-4	Q6212	A-4		
		Q6054	C-4	Q6222	B-5		
		Q6055	C-4	Q6251	C-5		
		Q6101	B-2	Q6256	B-5		
		Q6102	B-3	Q6281	A-4		
		Q6103	B-2	Q6282	A-4		
		Q6104	B-3				
		Q6105	B-2				
		Q6106	B-3				
		Q6107	B-2				
		Q6108	B-2				
		Q6111	B-4				
		Q6112	B-4				
		Q6114	B-3				
		Q6115	A-5				
		Q6116	B-3				

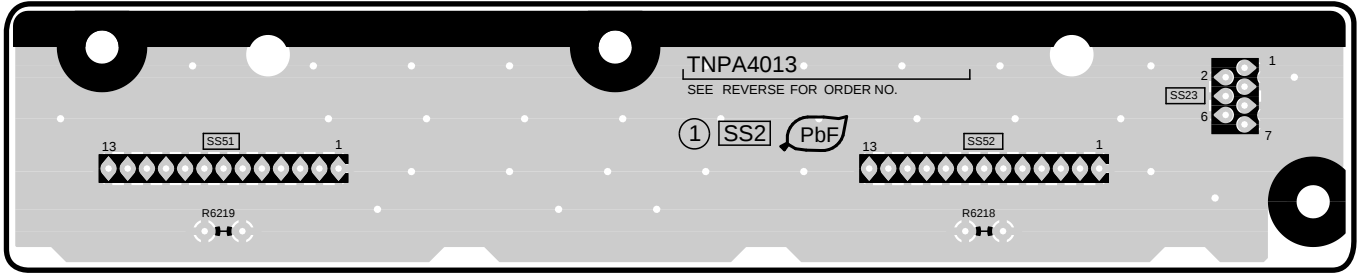
TH-65PF9BK/EK
SS-BOARD PARTS LOCATION

TH-65PF9BK/EK
SS-BOARD TXNSS1EVTJ

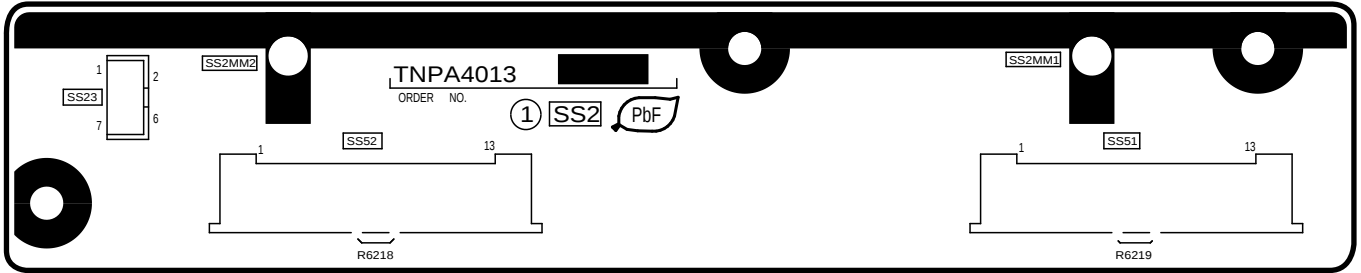


13.20. SS2 and SS3-Board

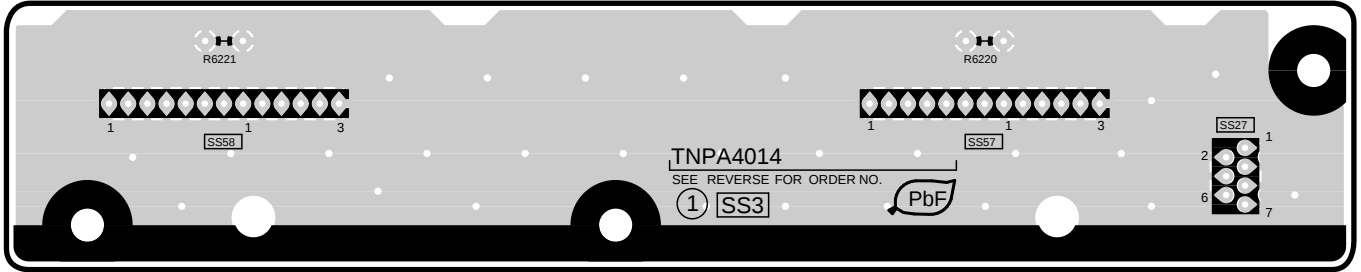
SS2-BOARD (FOIL SIDE)
TNPA4013



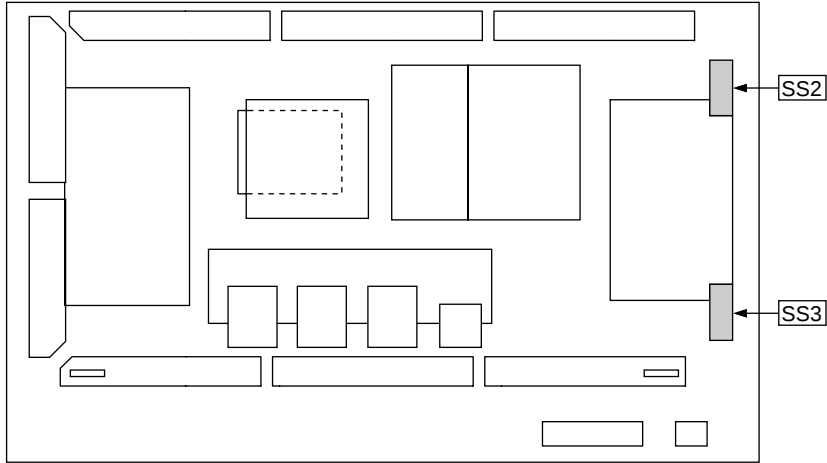
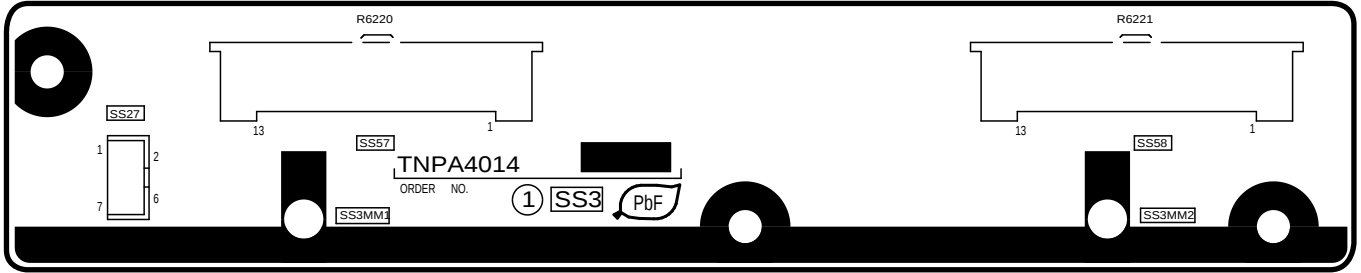
SS2-BOARD (COMPONENT SIDE)
TNPA4013



SS3-BOARD (FOIL SIDE)
TNPA4014



SS3-BOARD (COMPONENT SIDE)
TNPA4014



TH-65PF9BK/EK
SS2-BOARD TNPA4013 SS3-BOARD TNPA4014

TH-65PF9BK/EK
SS2-BOARD TNPA4013 SS3-BOARD TNPA4014

NOTE

[illegible]

14 Block and Schematic Diagram

14.1. Schematic Diagram Notes

Important Safety Notice

Components identified by $\triangle$ mark have special characteristics important for safety.
When replacing any of these components, use only manufacture's specified parts.

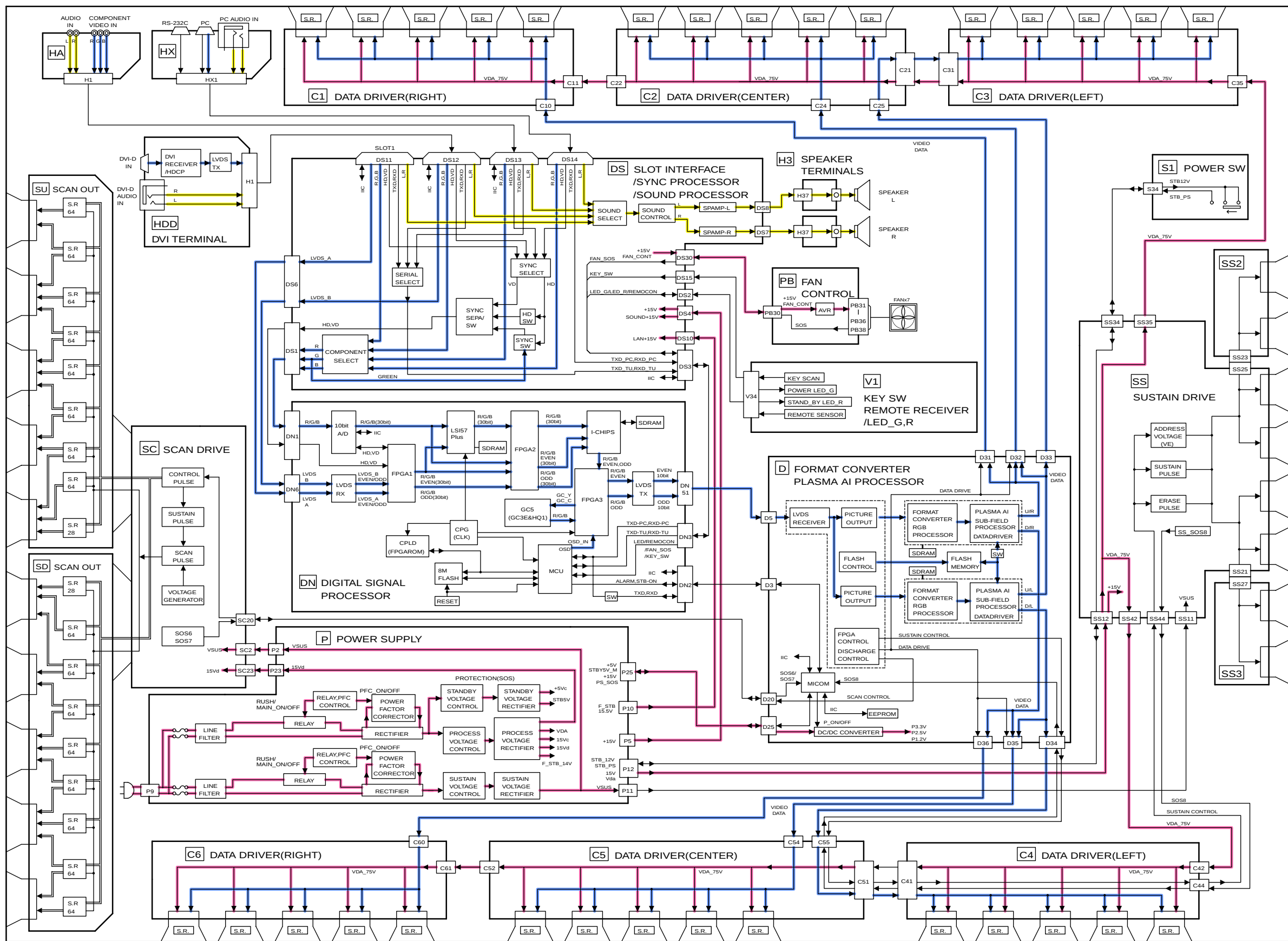
Notes:

- 1. **Resistor**
Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
- 2. **Capacitor**
Unit of capacitance is μ F, unless otherwise noted.
- 3. Coil
Unit of inductance is H, unless otherwise noted.
- 4. Test Point
 : Test Point position
- 5. Earth Symbol
 : Chassis Earth (Cold)  : Line Earth (Hot)
- 6. Voltage Measurement
Voltage is measured by a DC voltmeter.
Conditions of the measurement are the following:
Power Source AC120V, 50/60Hz
Receiving Signal Colour Bar signal (RF)
All customer's controls Maximum positions
- 7. When arrow mark () is found, connection is easily found from the direction of arrow.
- 8. Indicates the major signal flow. : Video  Audio 
- 9. This schematic diagram is the latest at the time of printing and subject to change without notice.

Remarks:

- 1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
The circuit is defined by HOT and COLD indications in the schematic diagram. Take the following precautions.
All circuits, except the Power Circuit, are cold.
Precautions
 - a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
 - b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
 - c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
Connect the earth of instruments to the earth connection of the circuit being measured.
 - d. Make sure to disconnect the power plug before removing the chassis.

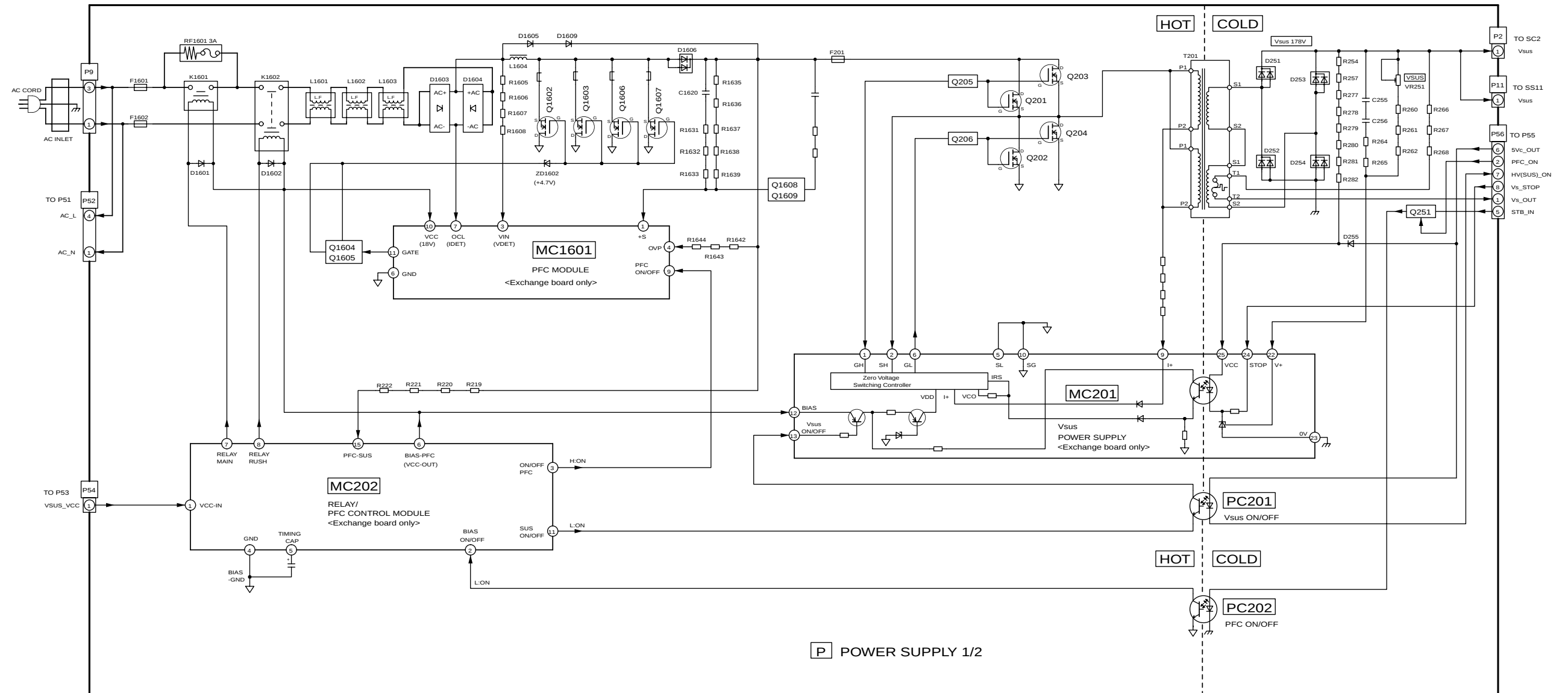
14.2. Main Block Diagram



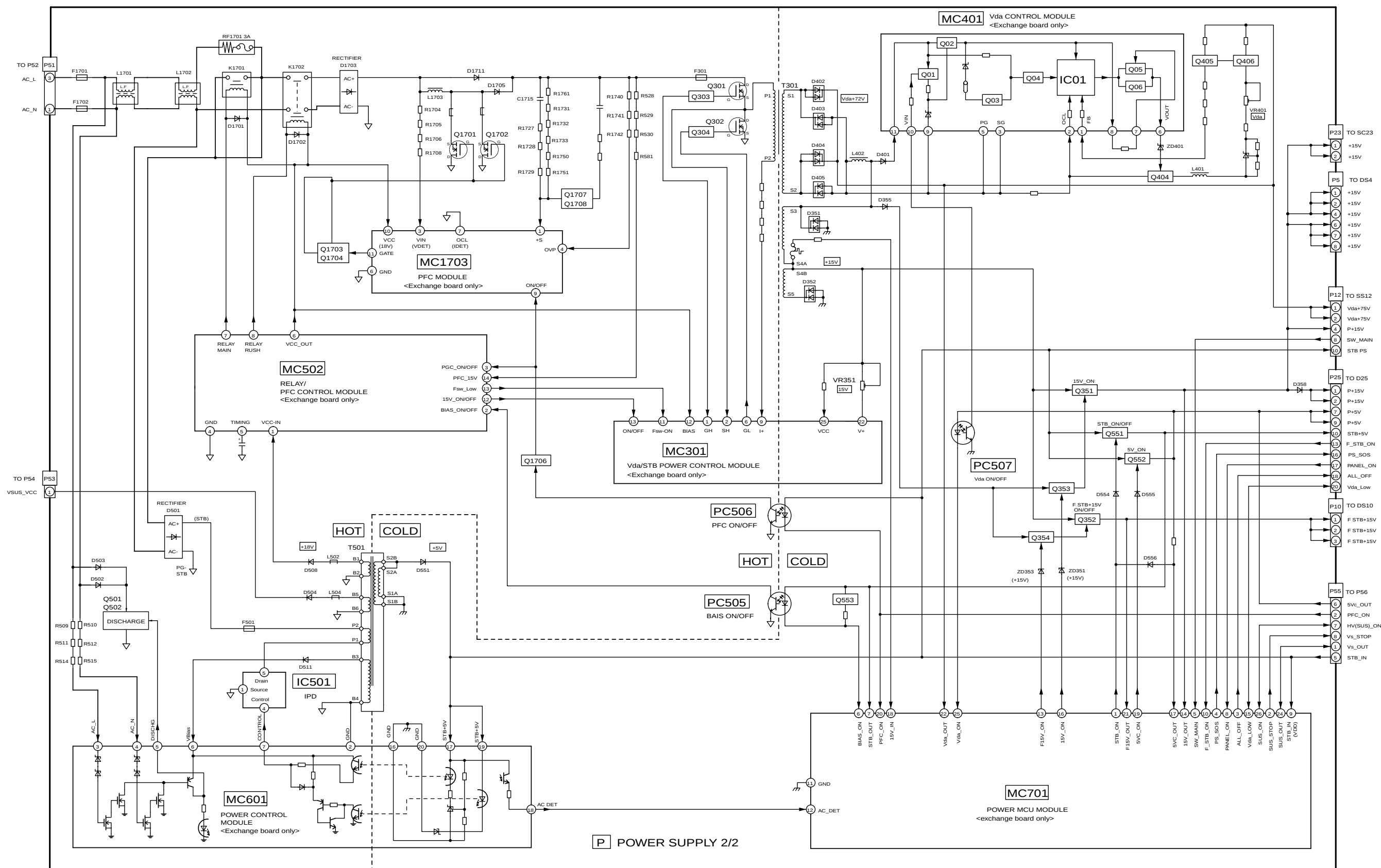
TH-65PF9BK/EK Main Block Diagram

TH-65PF9BK/EK Main Block Diagram

14.3. P-Board (1 of 2) Block Diagram



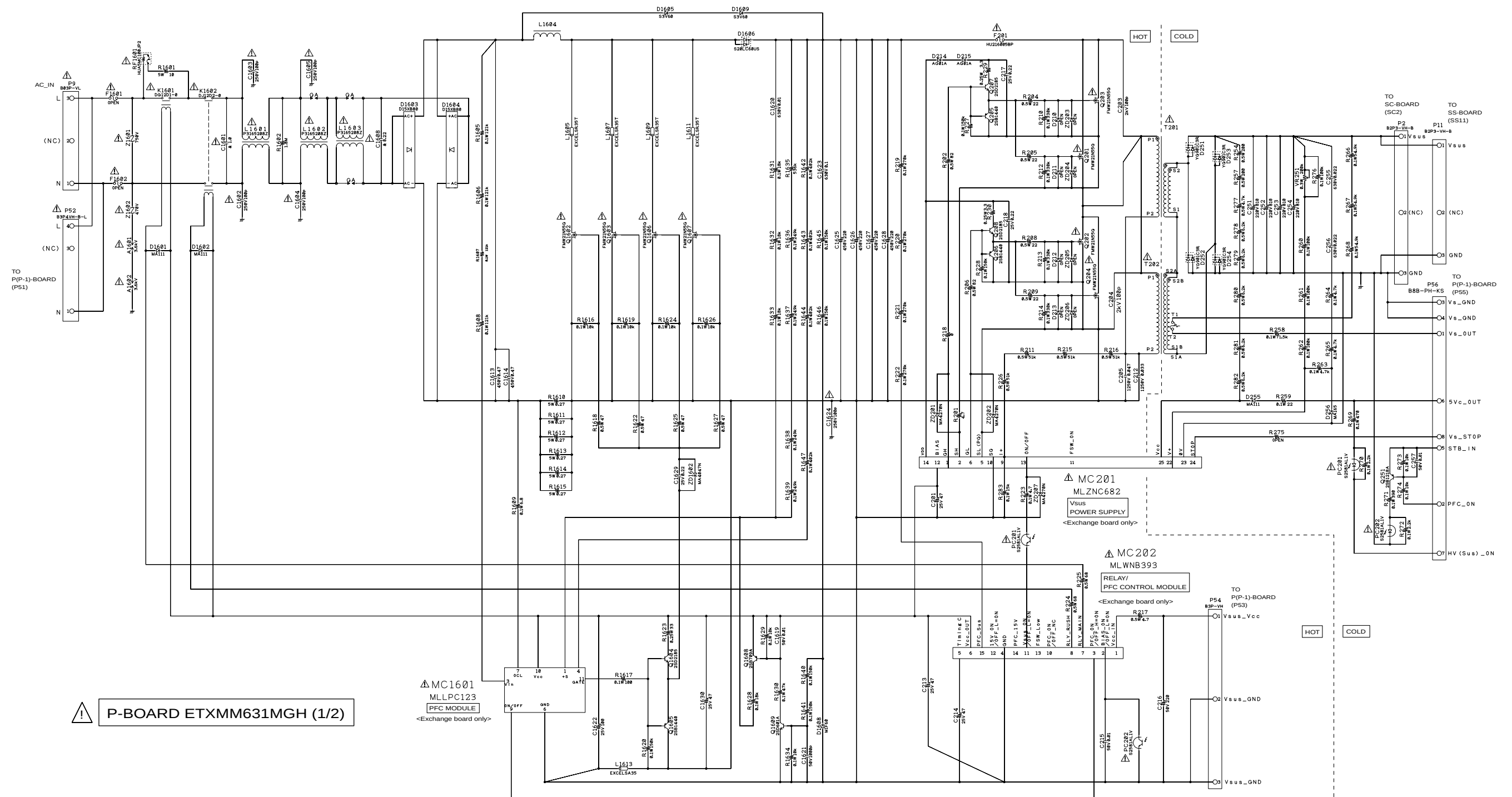
14.4. P-Board (2 of 2) Block Diagram



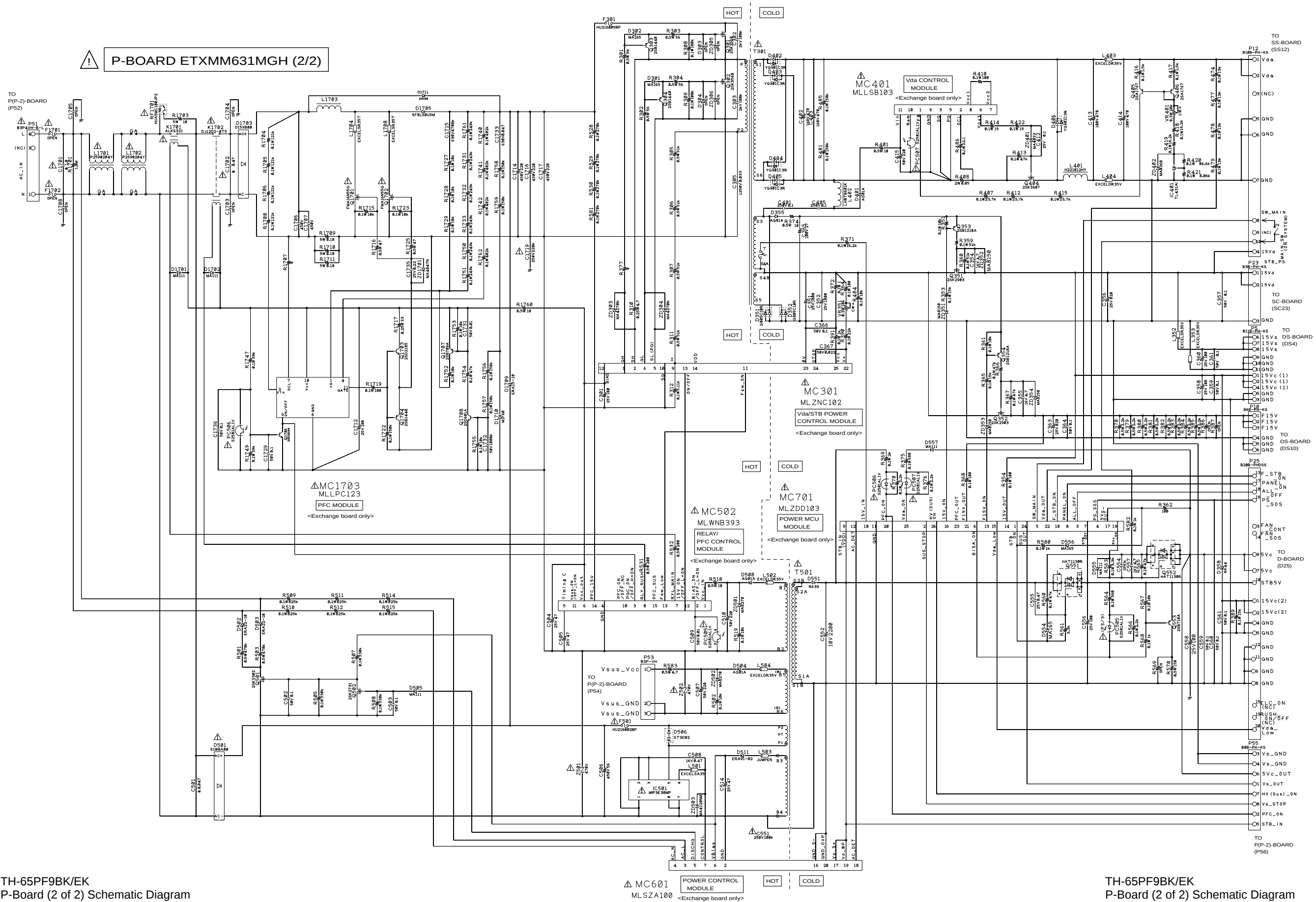
TH-65PF9BK/EK
P-Board (2 of 2) Block Diagram

TH-65PF9BK/EK
P-Board (2 of 2) Block Diagram

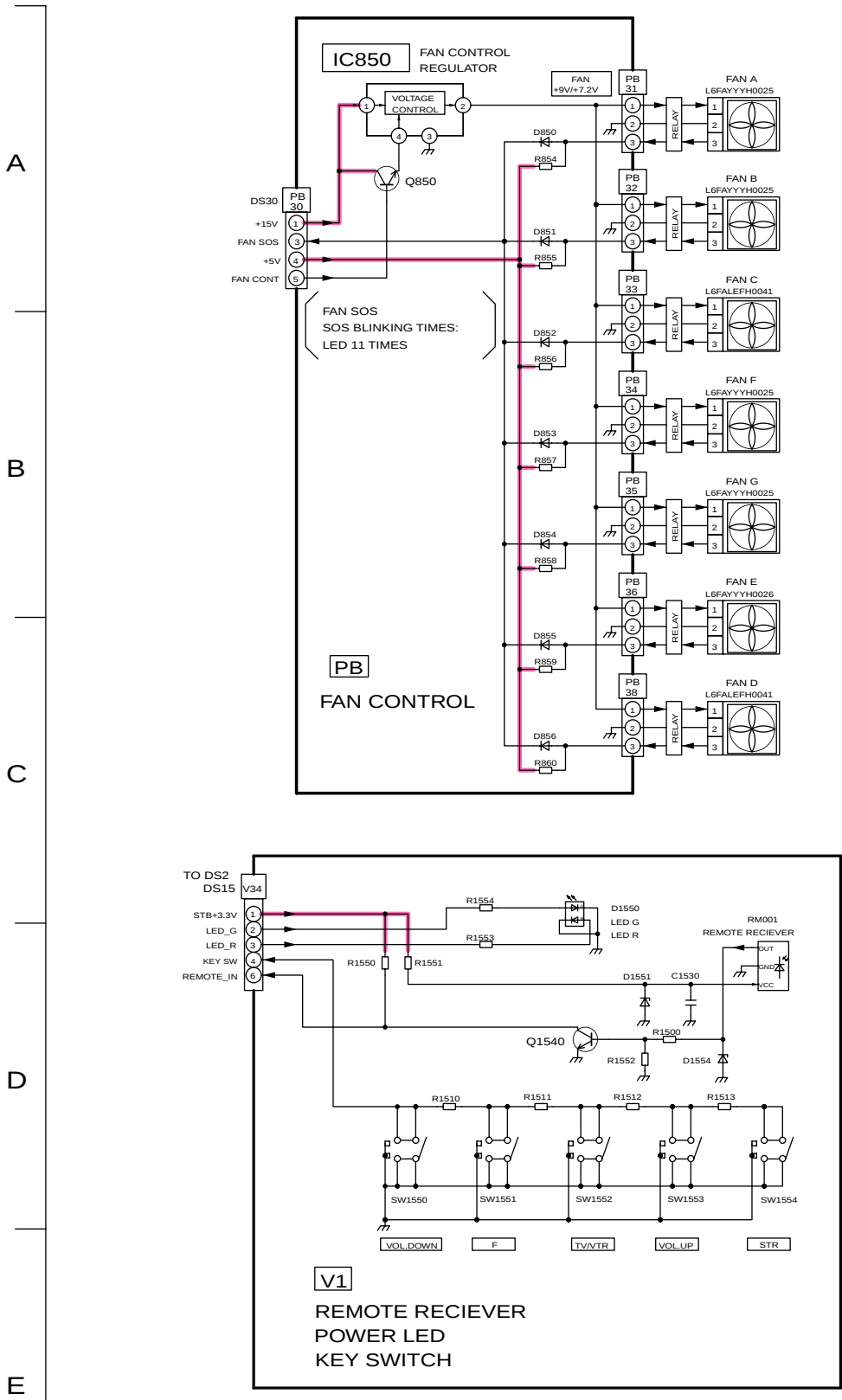
14.5. P-Board (1 of 2) Schematic Diagram



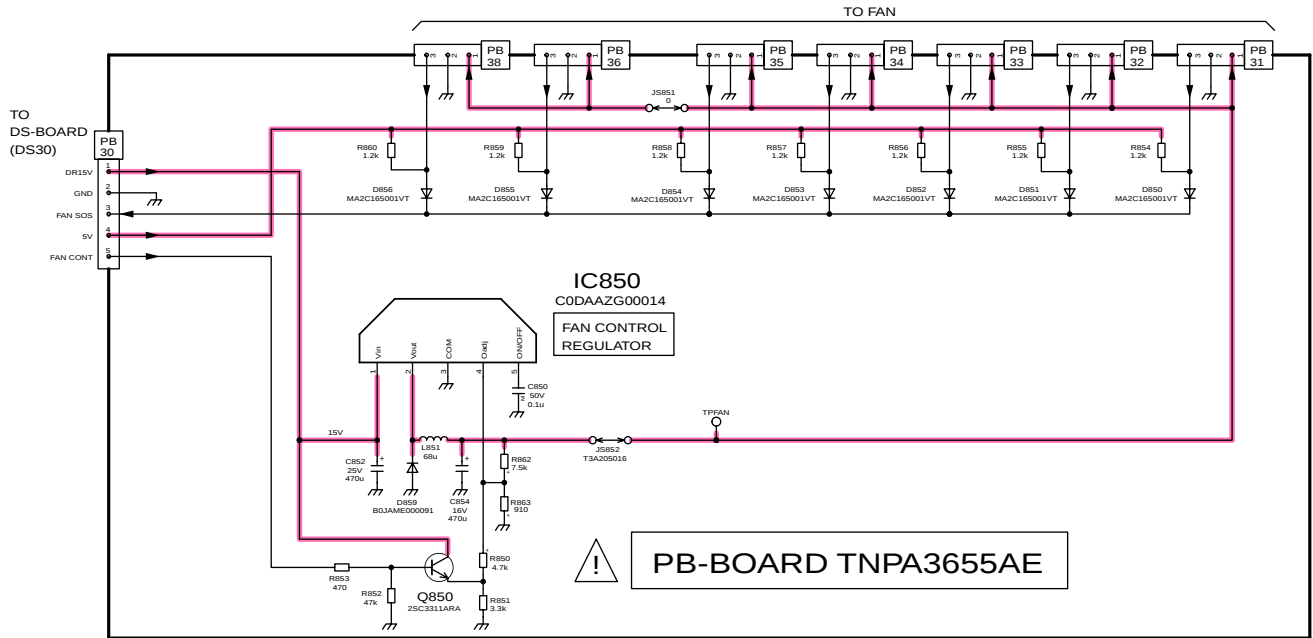
14.6. P-Board (2 of 2) Schematic Diagram



14.7. PB and V1-Board Block and Schematic Diagram

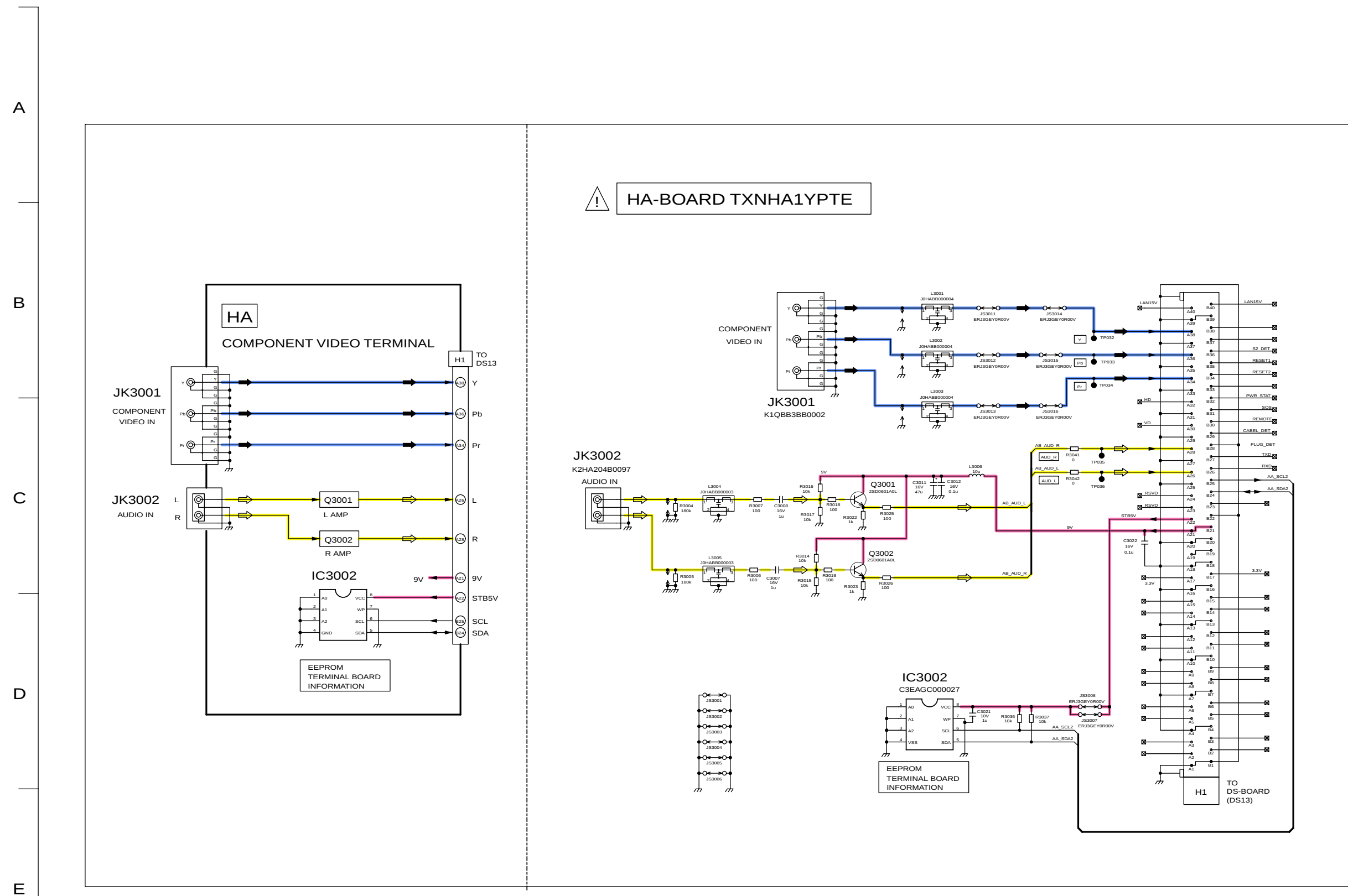


TH-65PF9BK/EK
PB and V1-Board Block and Schematic Diagram

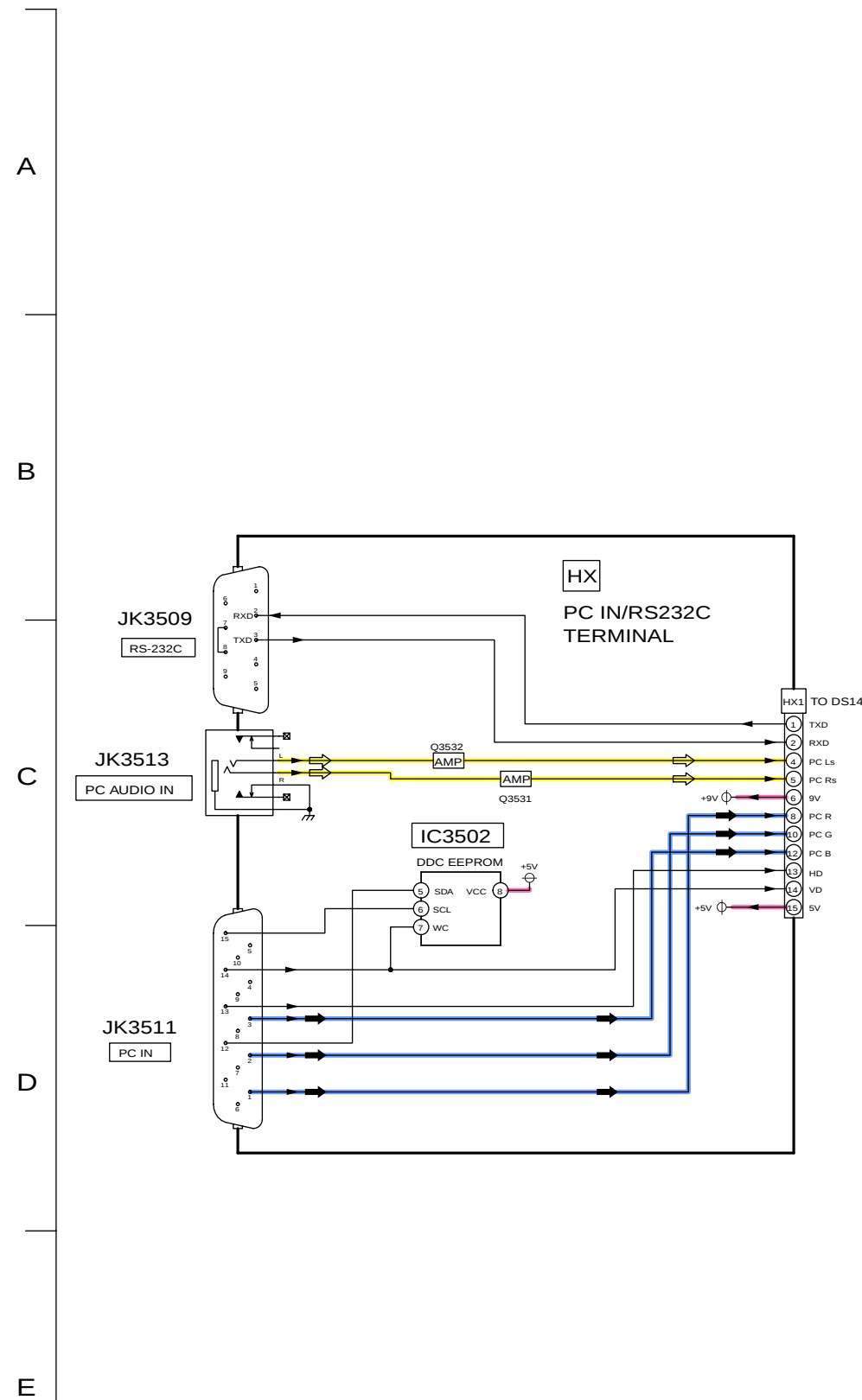


TH-65PF9BK/EK
PB and V1-Board Block and Schematic Diagram

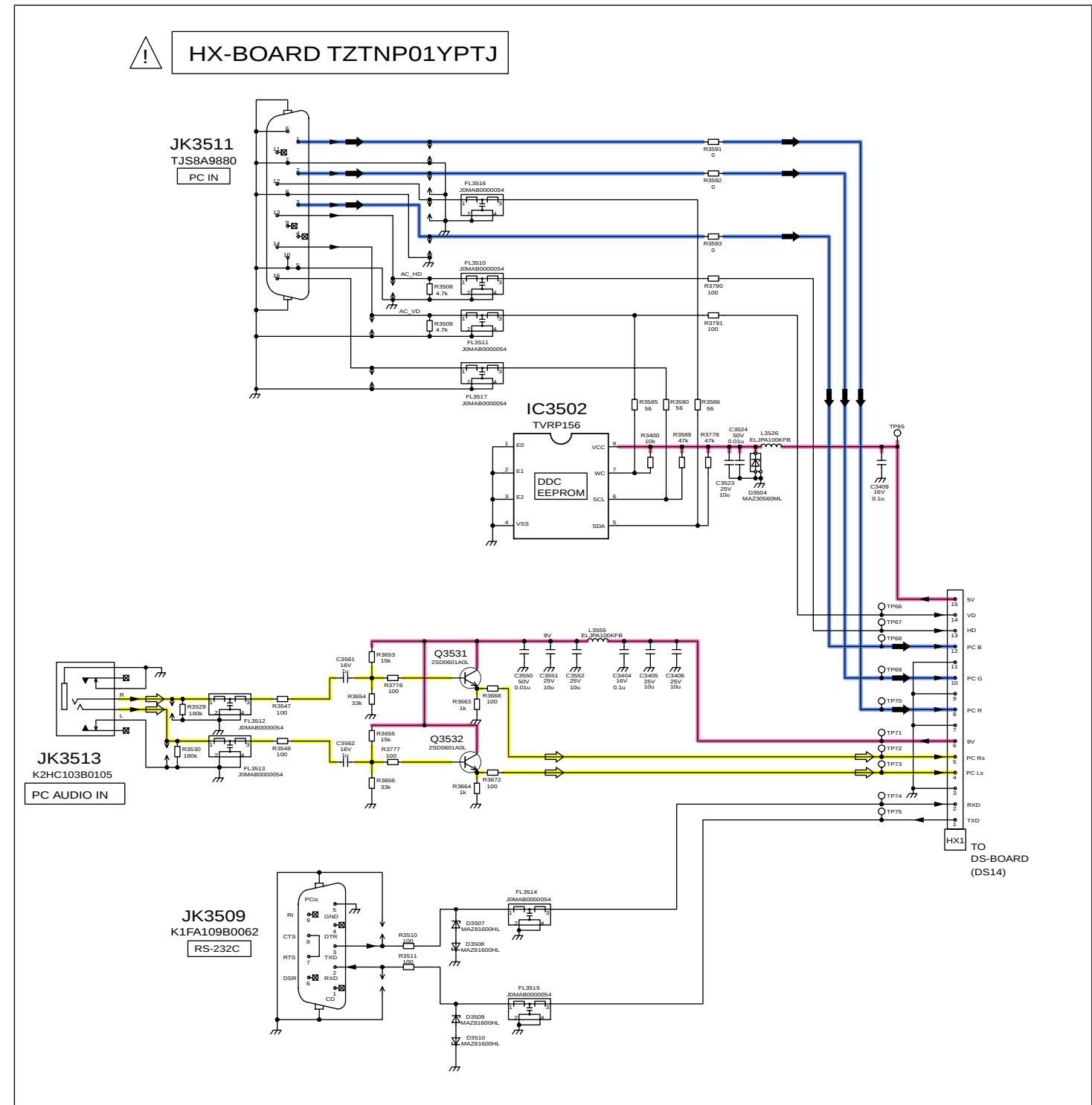
14.8. HA-Board Block and Schematic Diagram



14.9. HX-Board Block and Schematic Diagram

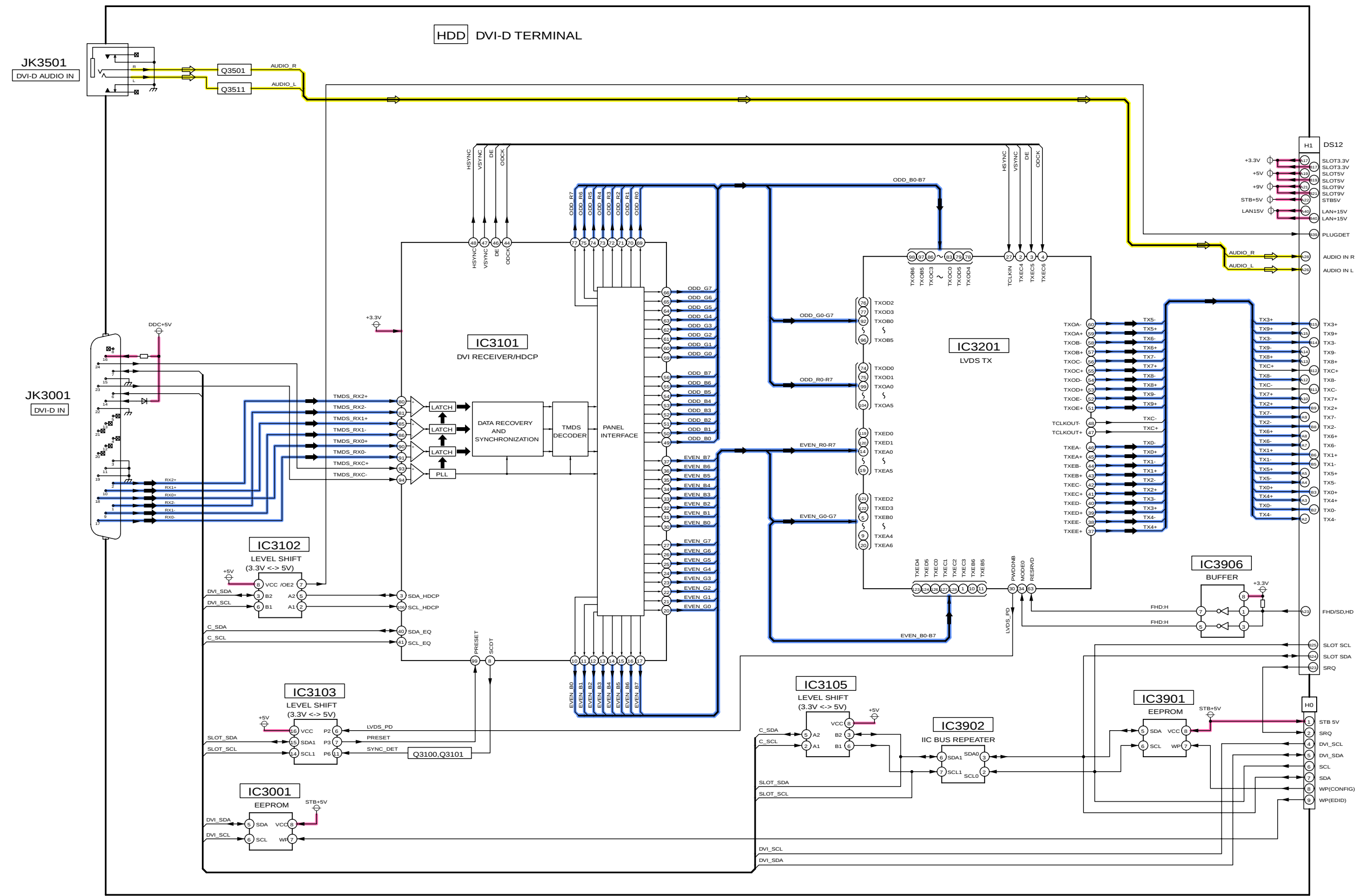


TH-65PF9BK/EK HX-Board Block and Schematic Diagram

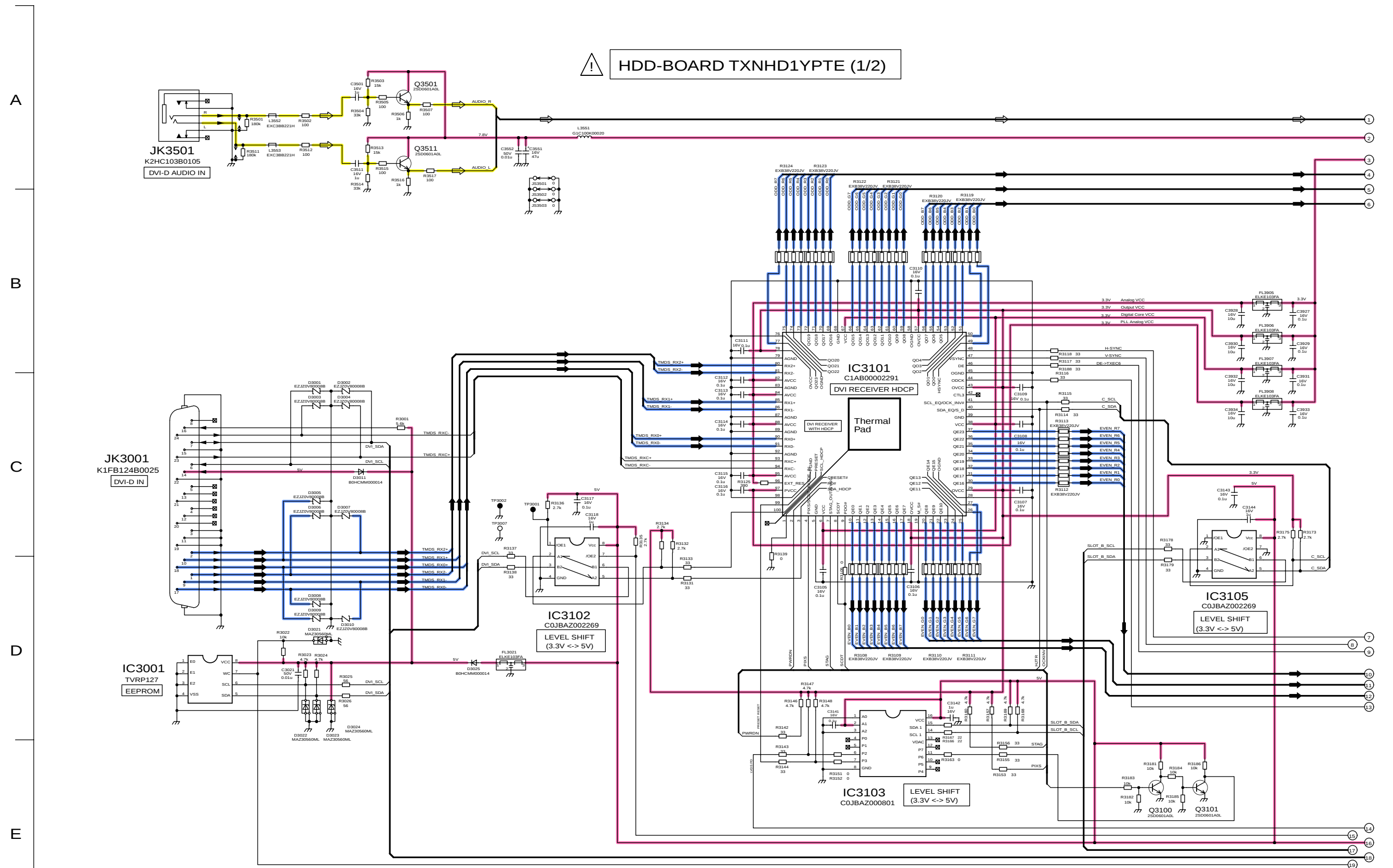


TH-65PF9BK/EK HX-Board Block and Schematic Diagram

14.10. HDD-Board Block Diagram

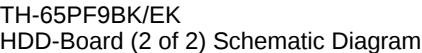


14.11. HDD-Board (1 of 2) Schematic Diagram



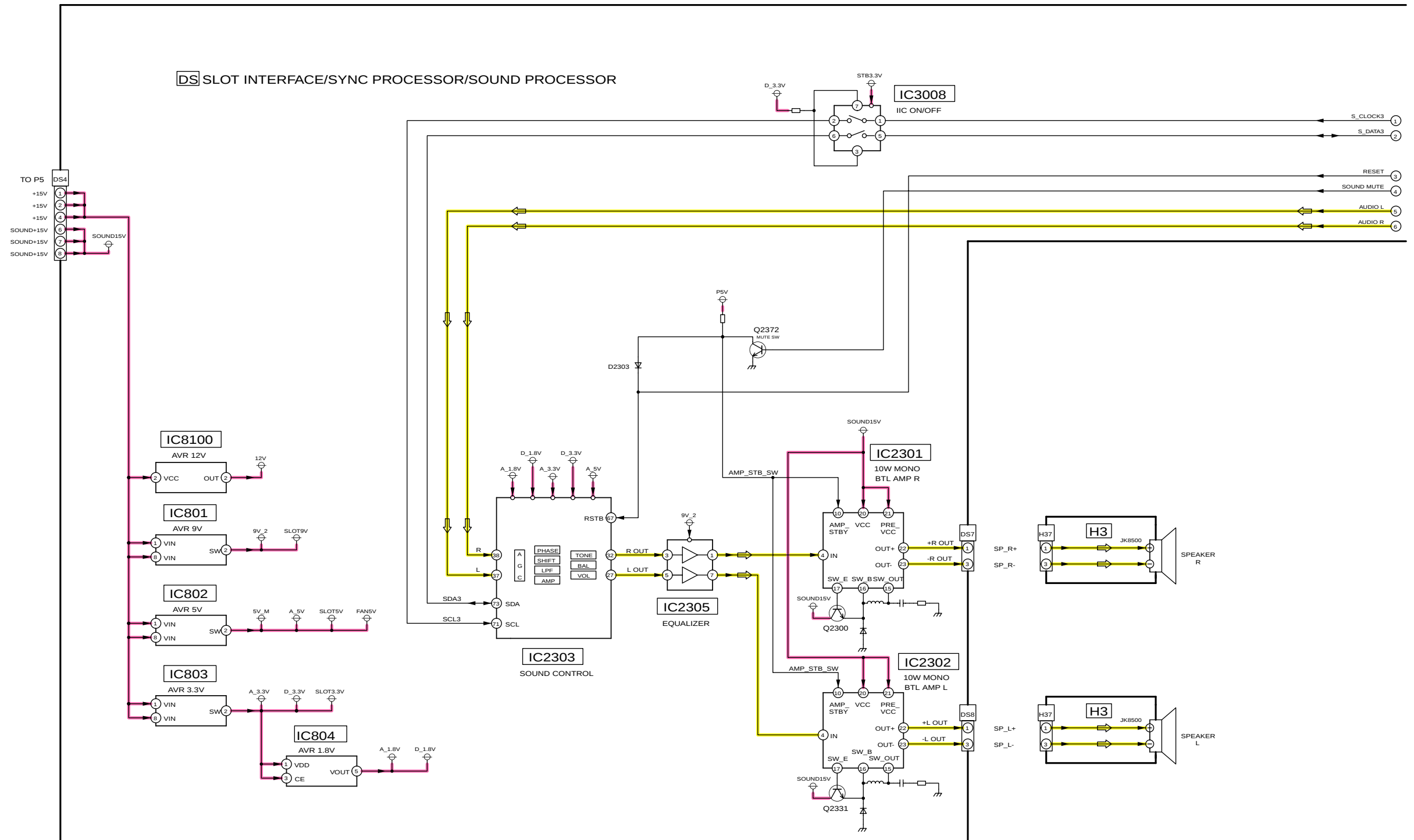
TH-65PF9BK/EK
HDD-Board (1 of 2) Schematic Diagram

TH-65PF9BK/EK
HDD-Board (1 of 2) Schematic Diagram

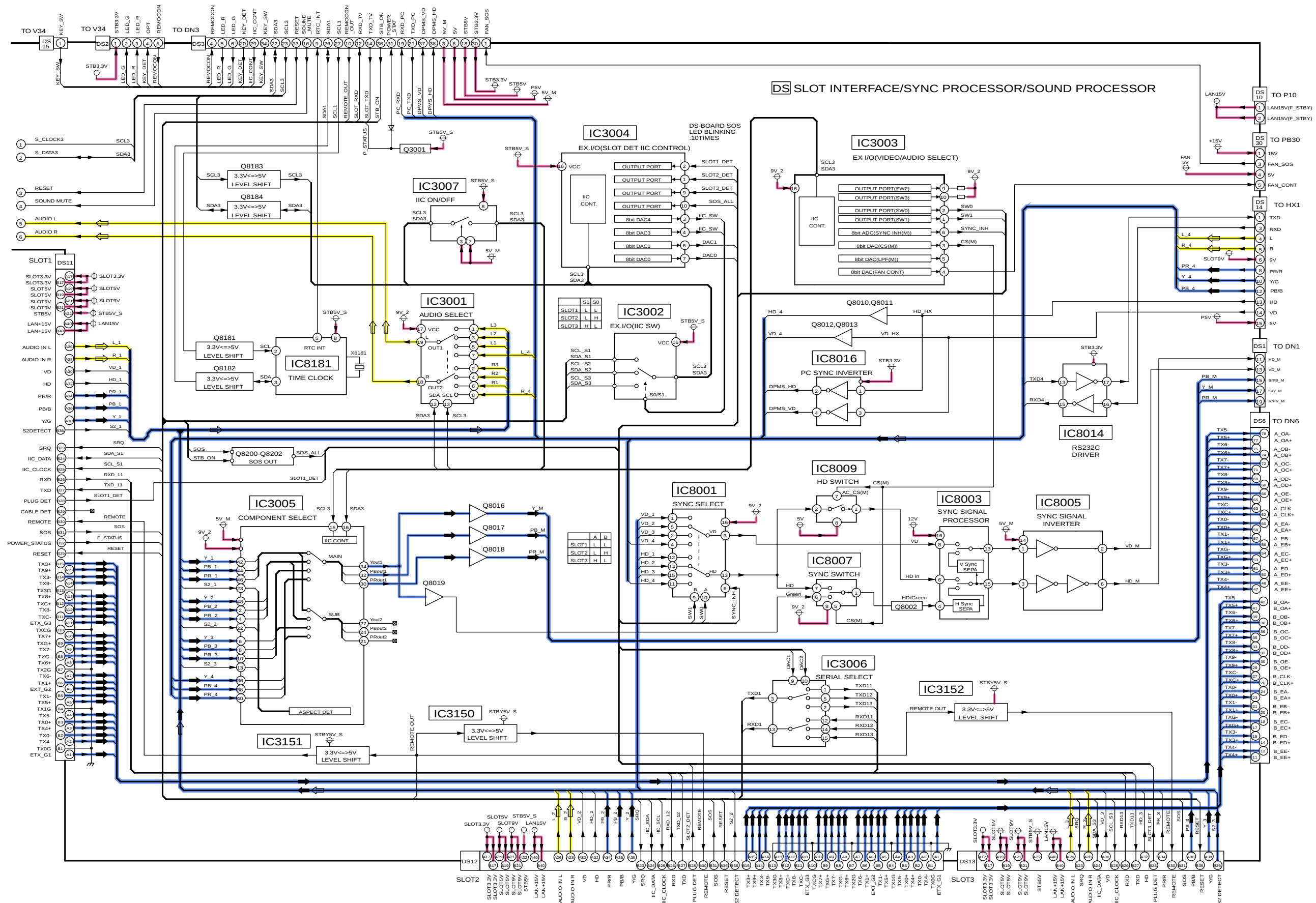


TH-65PF9BK/EK HDD-Board (2 of 2) Schematic Diagram

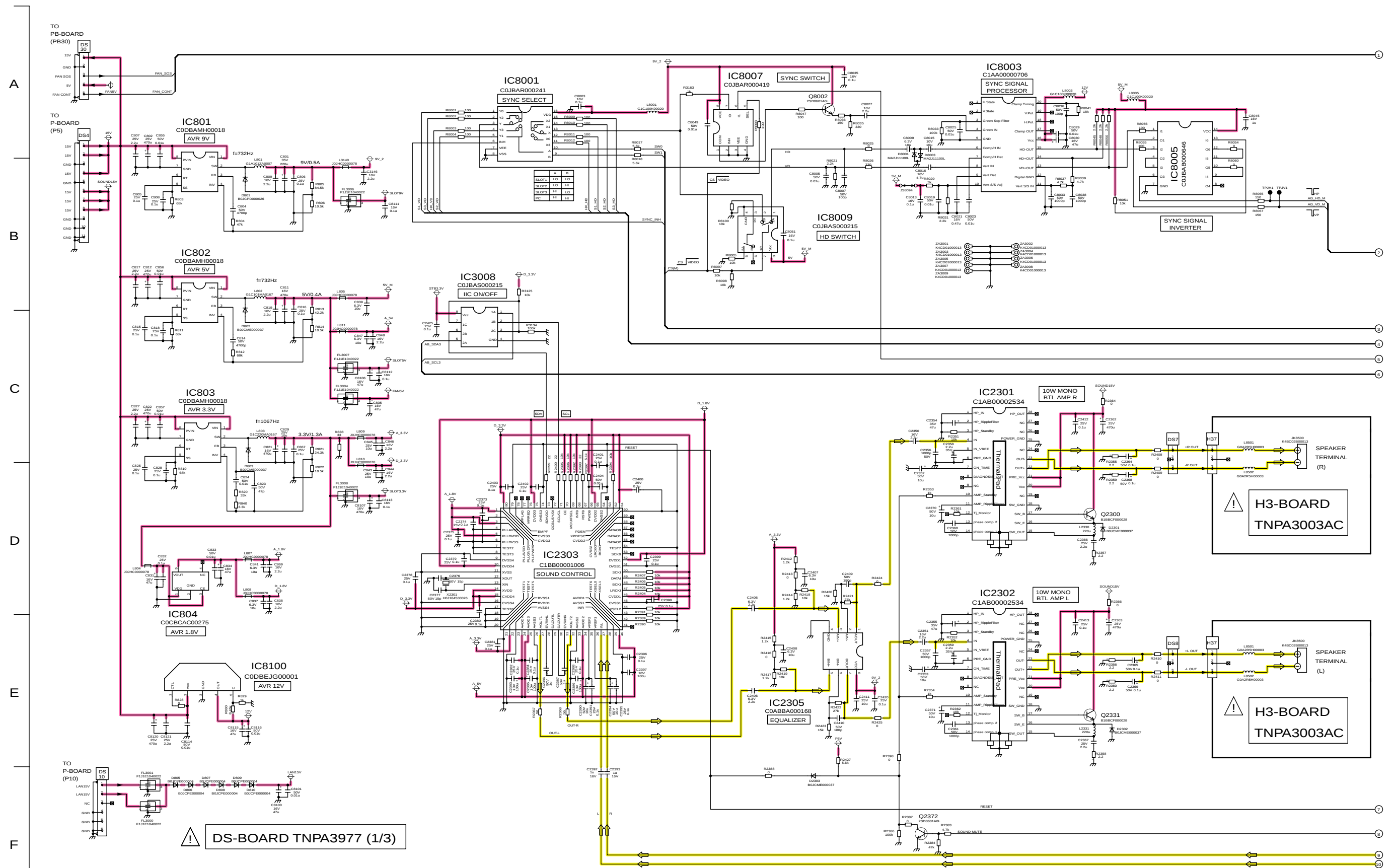
14.13. DS-Board (1 of 2) and H3-Board Block Diagram



14.14. DS-Board (2 of 2) Block Diagram

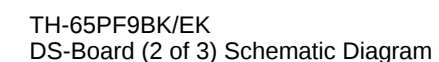


14.15. DS-Board (1 of 3) and H3-Board Schematic Diagram

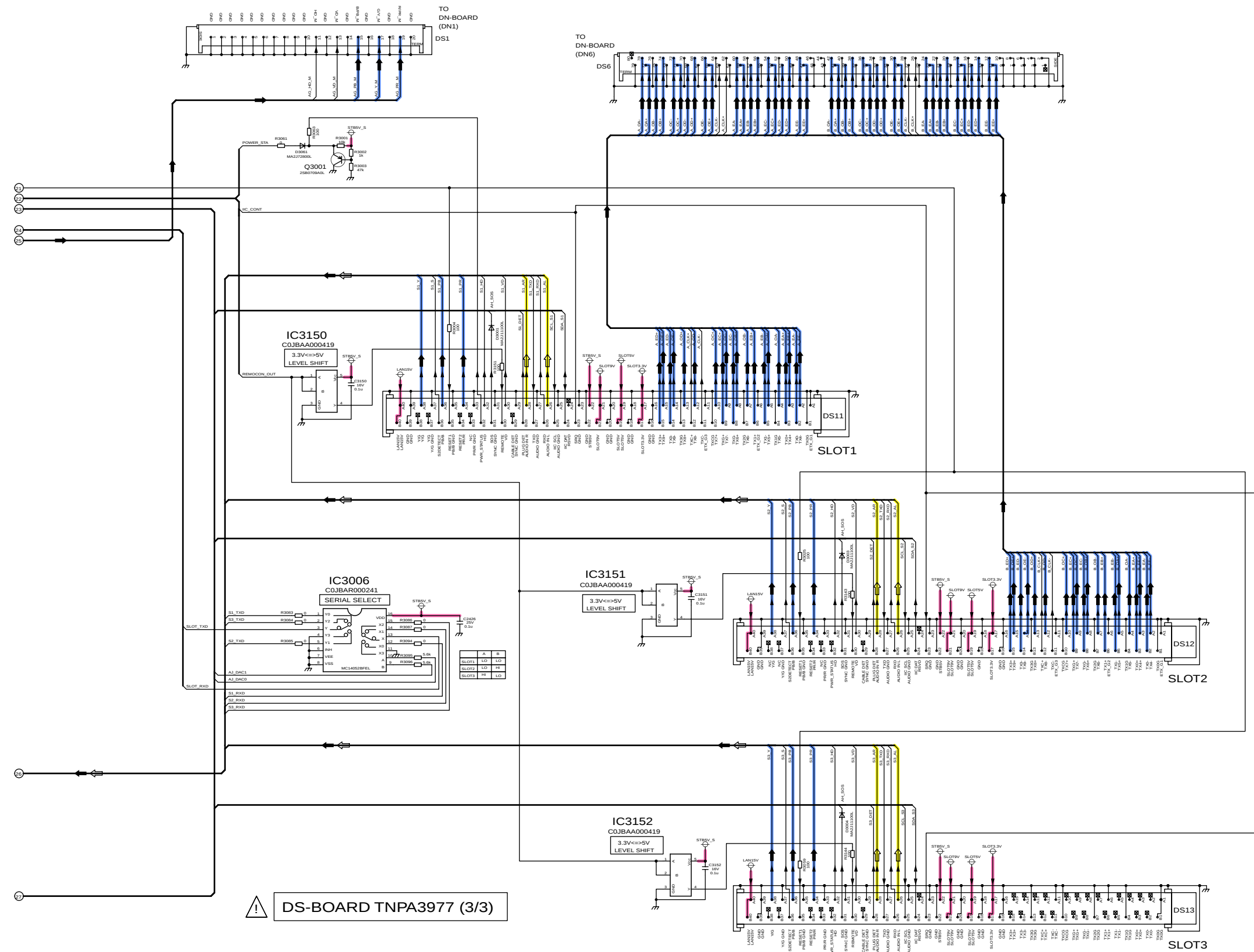


TH-65PF9BK/EK
DS-Board (1 of 3) Schematic Diagram

TH-65PF9BK/EK
DS-Board (1 of 3) Schematic Diagram



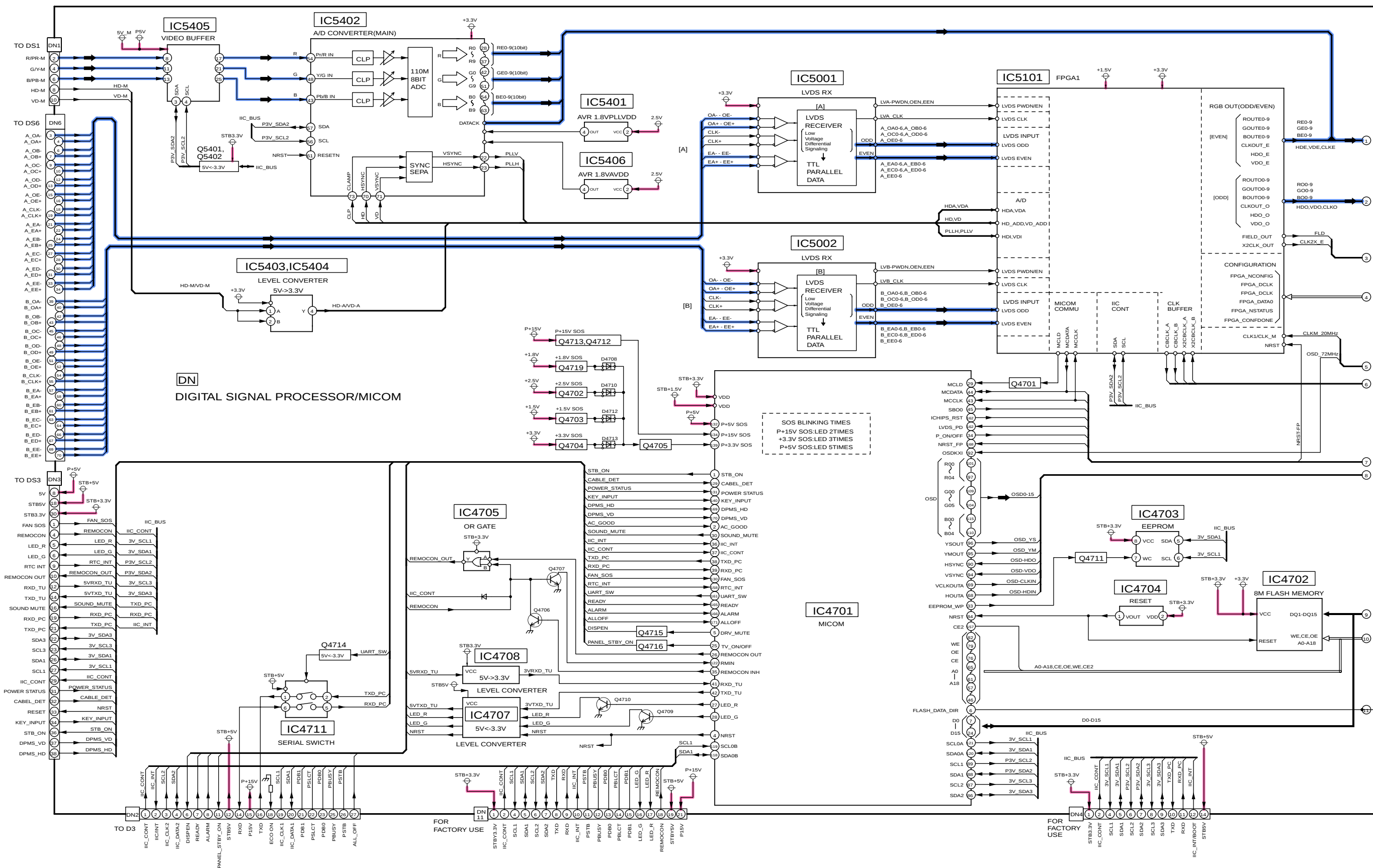
14.17. DS-Board (3 of 3) Schematic Diagram



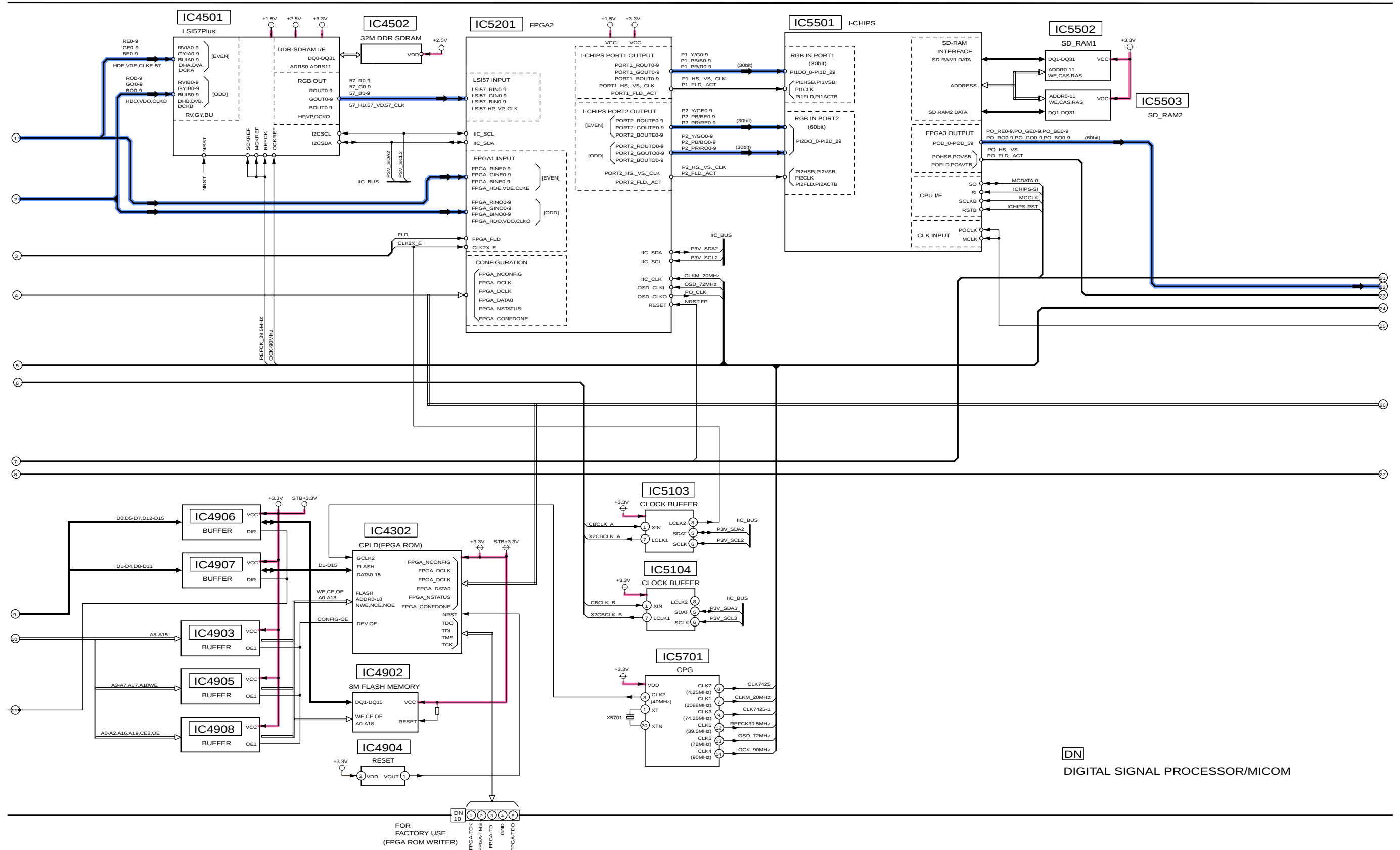
TH-65PF9BK/EK
DS-Board (3 of 3) Schematic Diagram

TH-65PF9BK/EK
DS-Board (3 of 3) Schematic Diagram

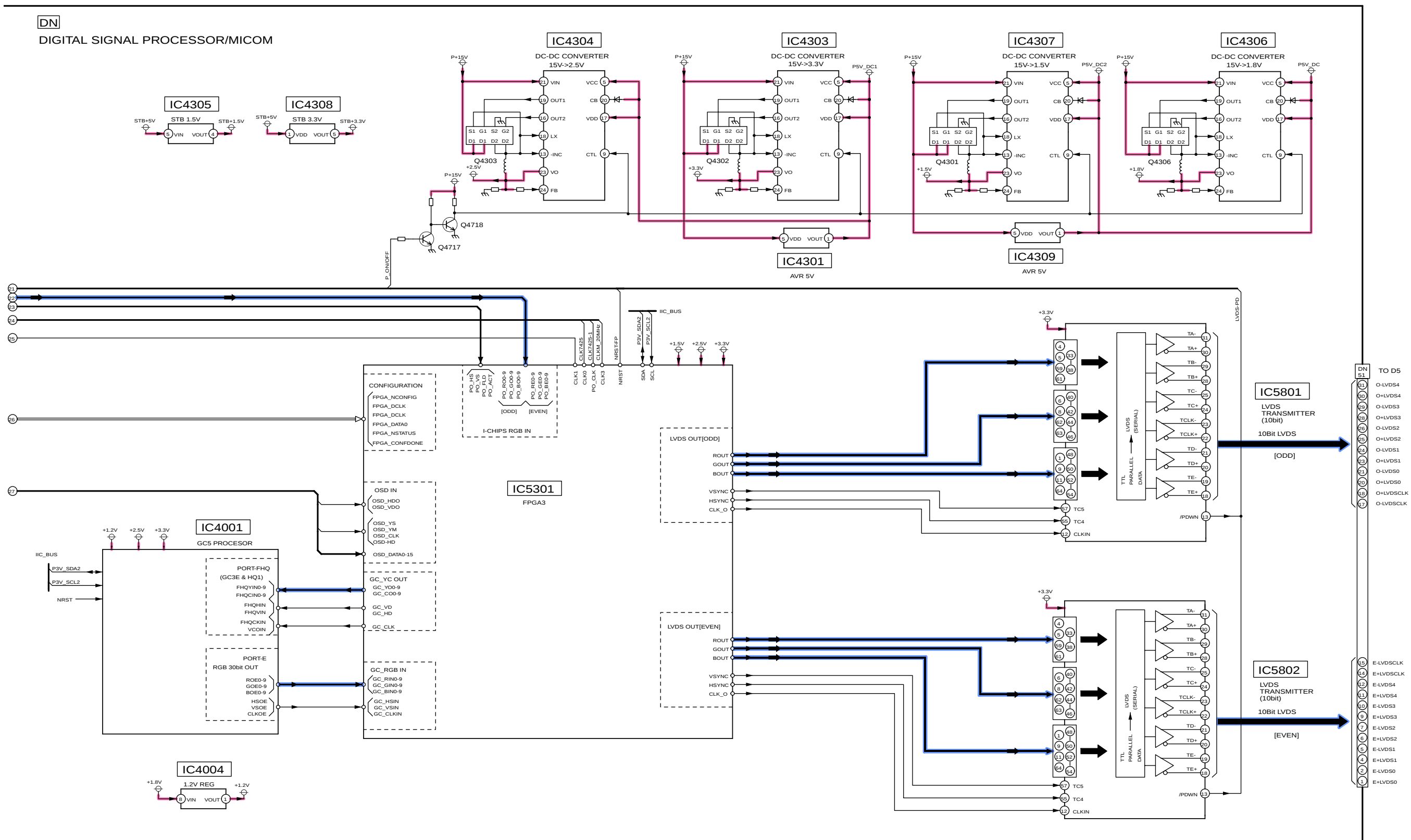
14.18. DN-Board (1 of 3) Block Diagram



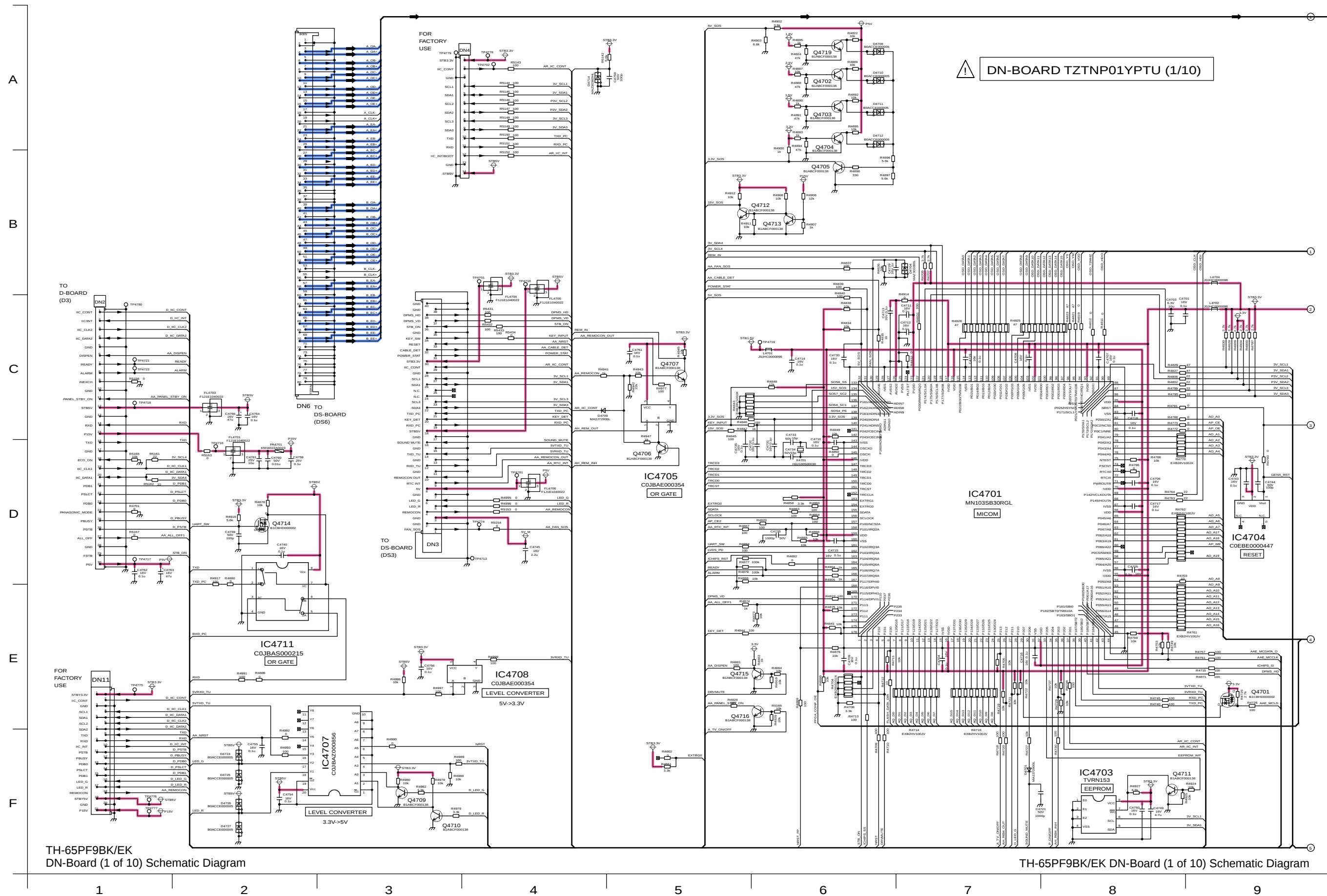
14.19. DN-Board (2 of 3) Block Diagram

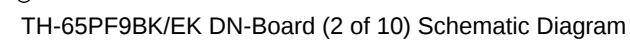


14.20. DN-Board (3 of 3) Block Diagram

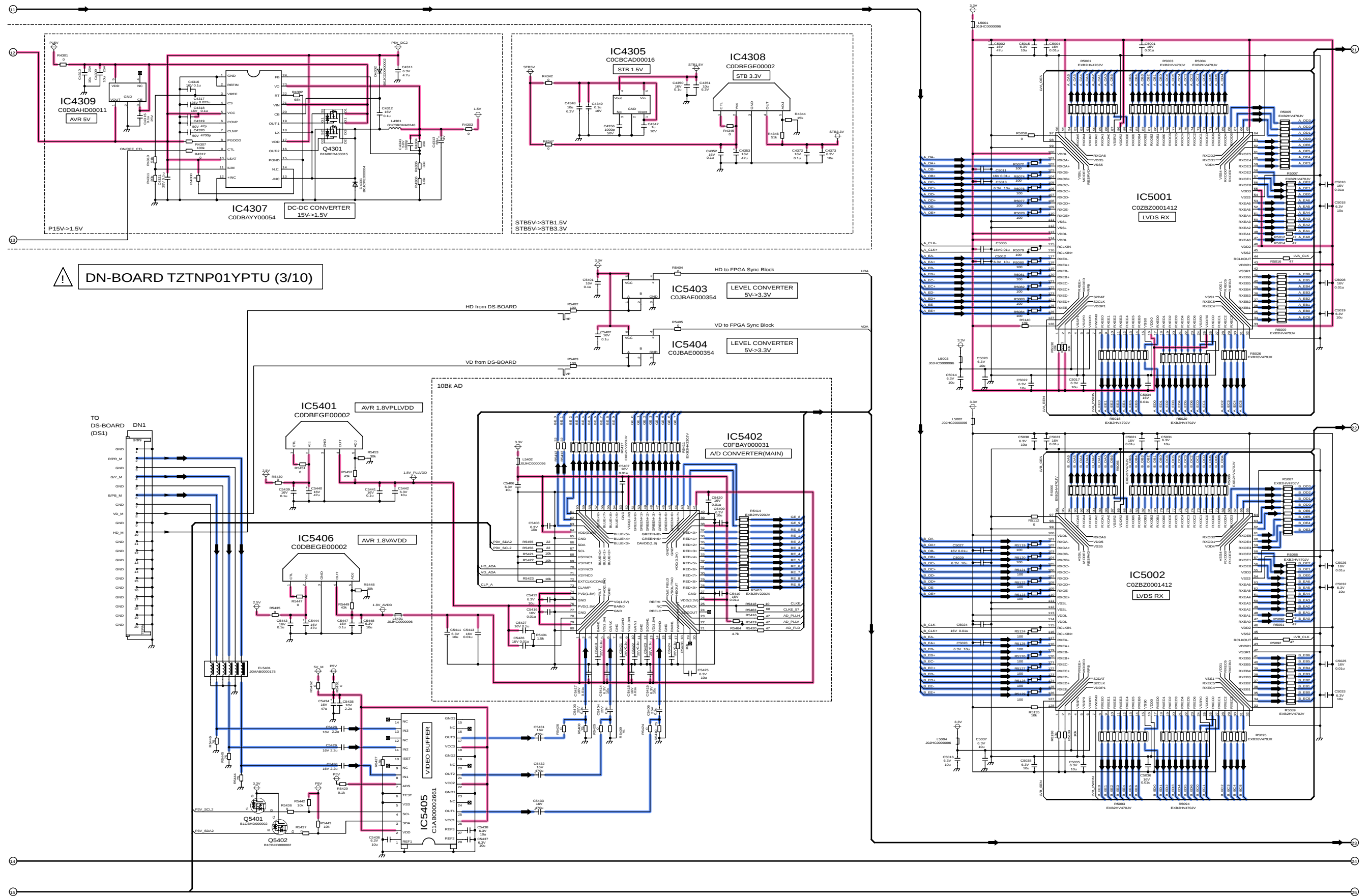


14.21. DN-Board (1 of 10) Schematic Diagram



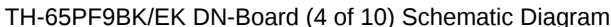


14.23. DN-Board (3 of 10) Schematic Diagram

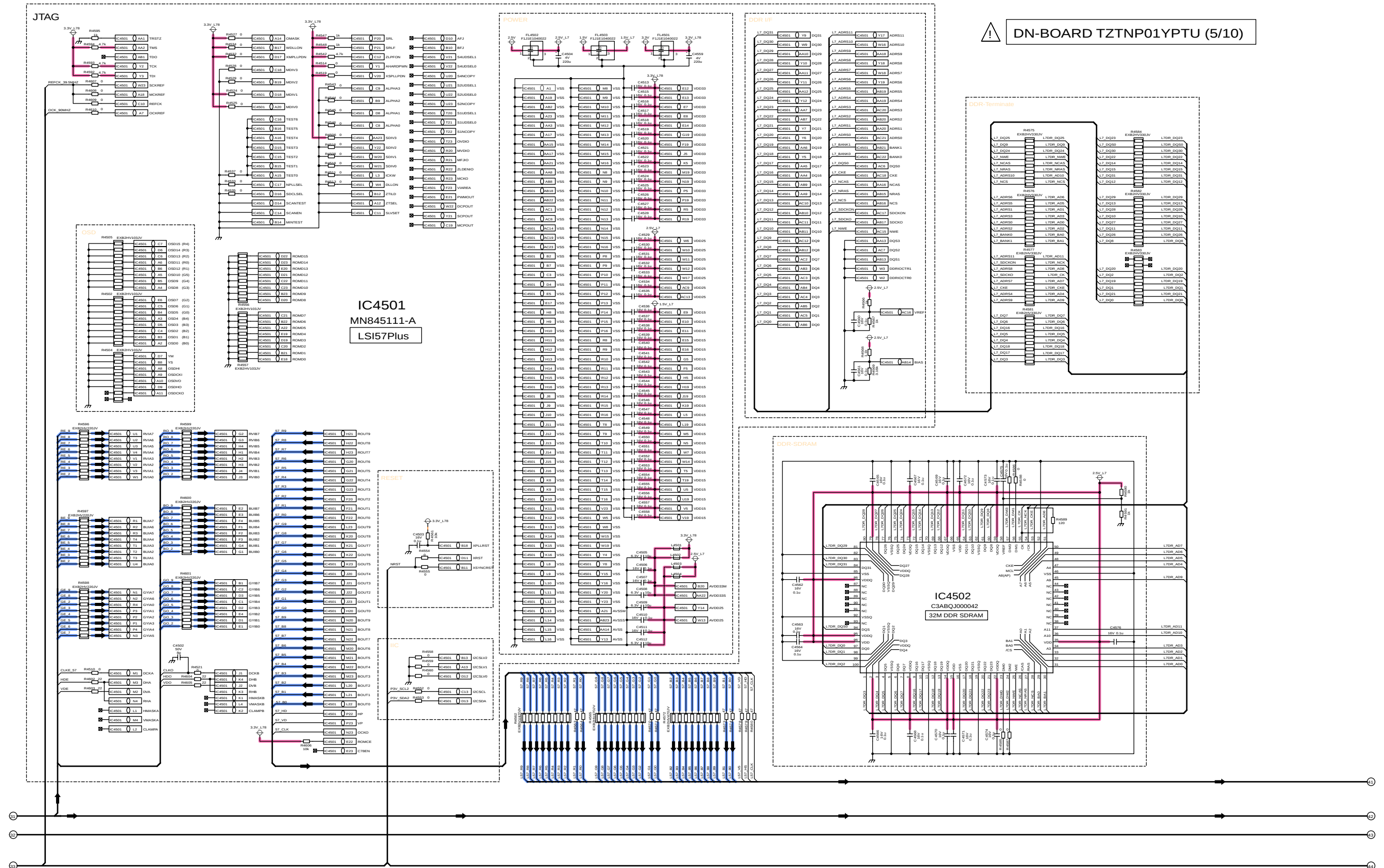


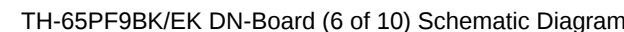
TH-65PF9BK/EK DN-Board (3 of 10) Schematic Diagram

TH-65PF9BK/EK DN-Board (3 of 10) Schematic Diagram

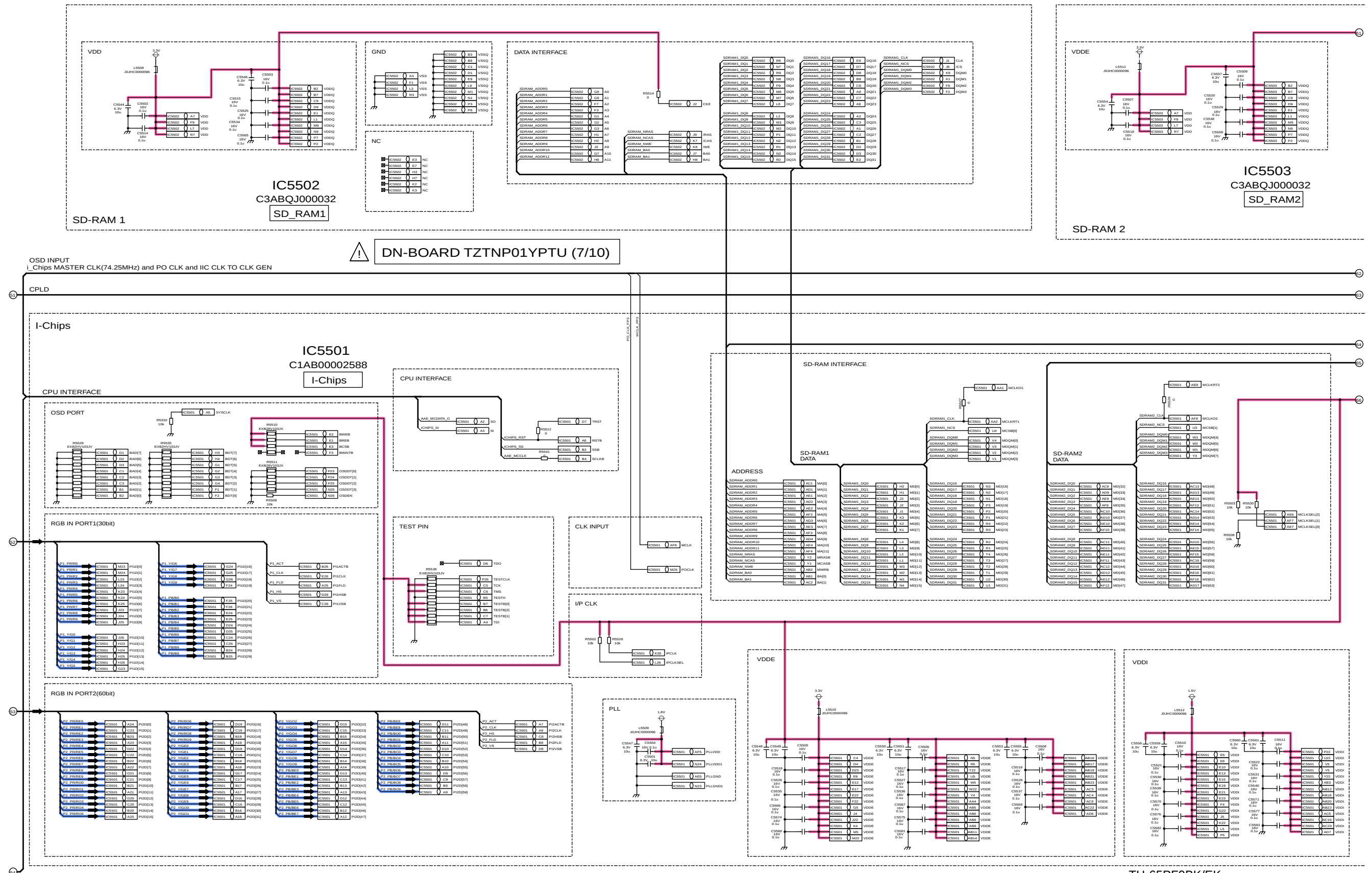


14.25. DN-Board (5 of 10) Schematic Diagram





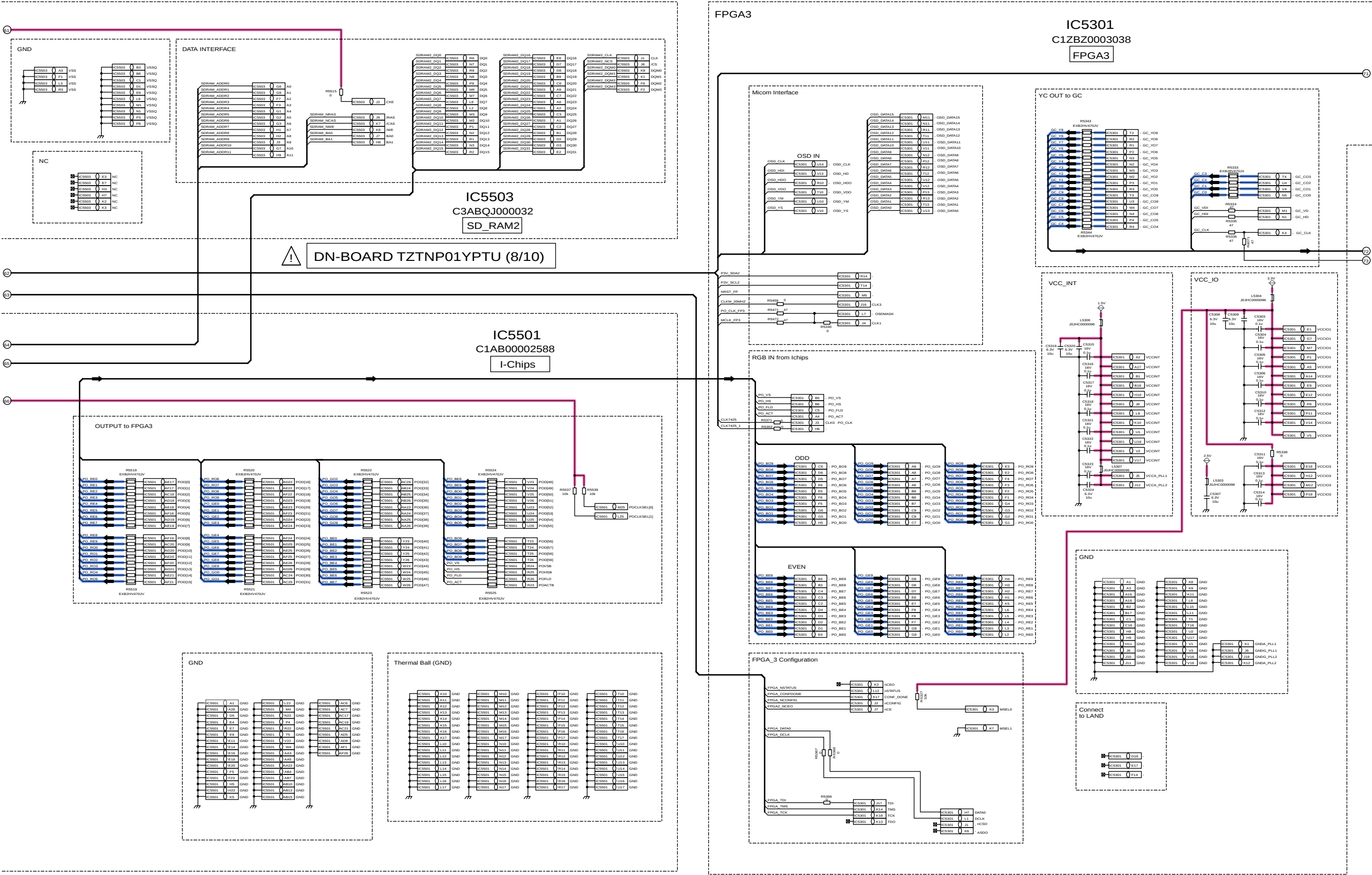
14.27. DN-Board (7 of 10) Schematic Diagram



TH-65PF9BK/EK DN-Board (7 of 10) Schematic Diagram

TH-65PF9BK/EK
DN-Board (7 of 10) Schematic Diagram

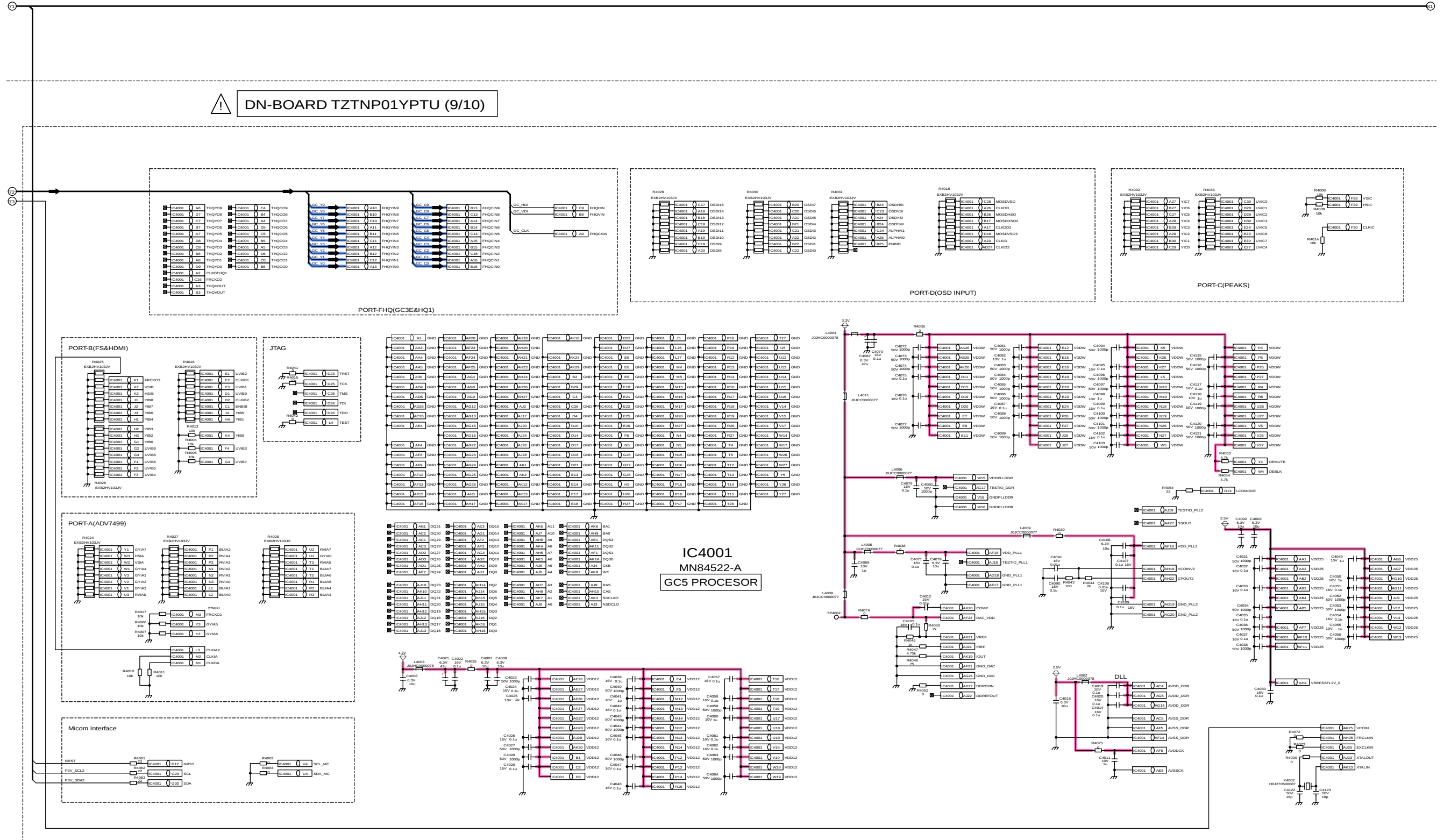
14.28. DN-Board (8 of 10) Schematic Diagram

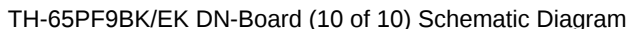


TH-65PF9BK/EK DN-Board (8 of 10) Schematic Diagram

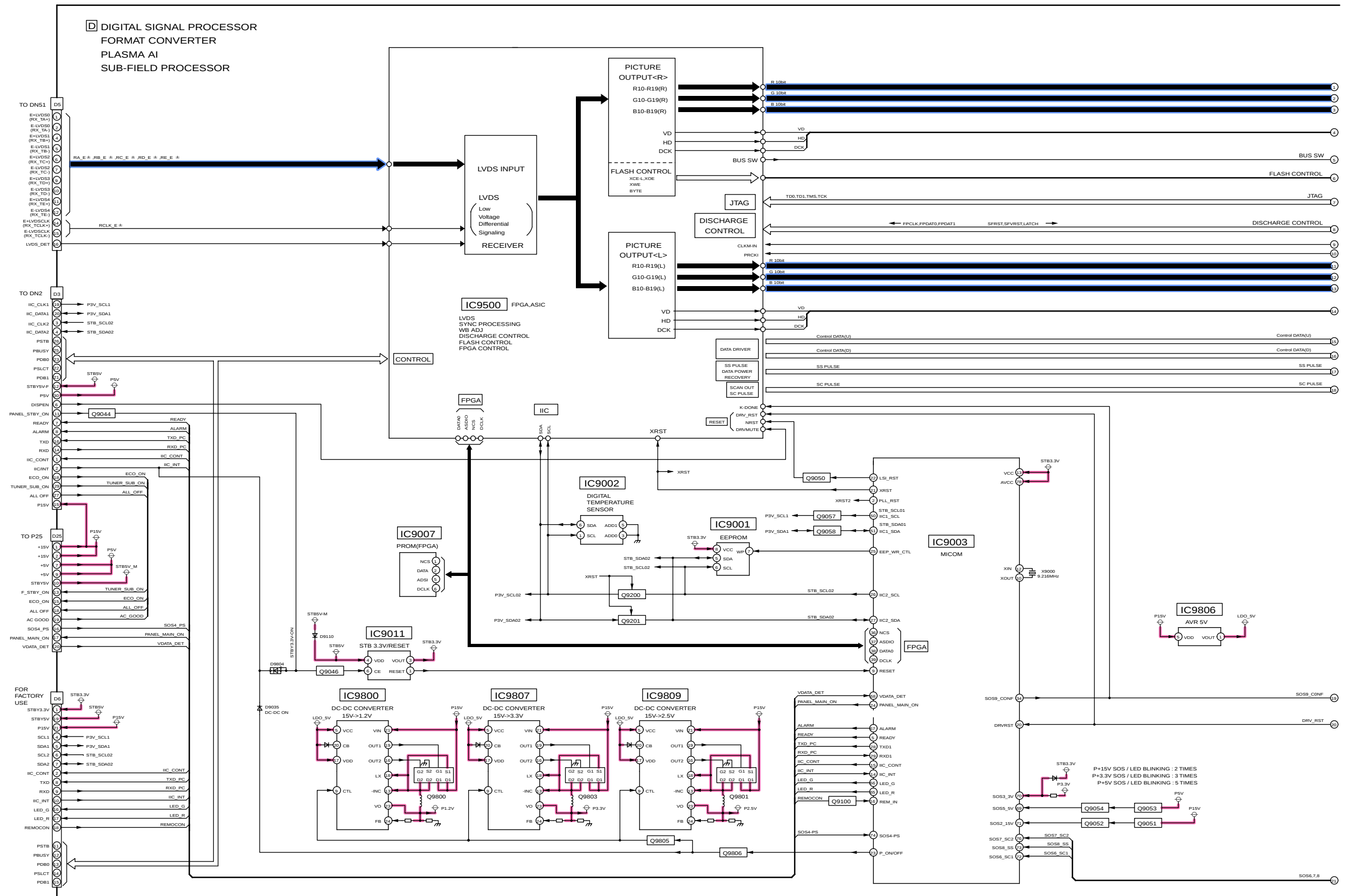
TH-65PF9BK/EK DN-Board (8 of 10) Schematic Diagram

14.29. DN-Board (9 of 10) Schematic Diagram

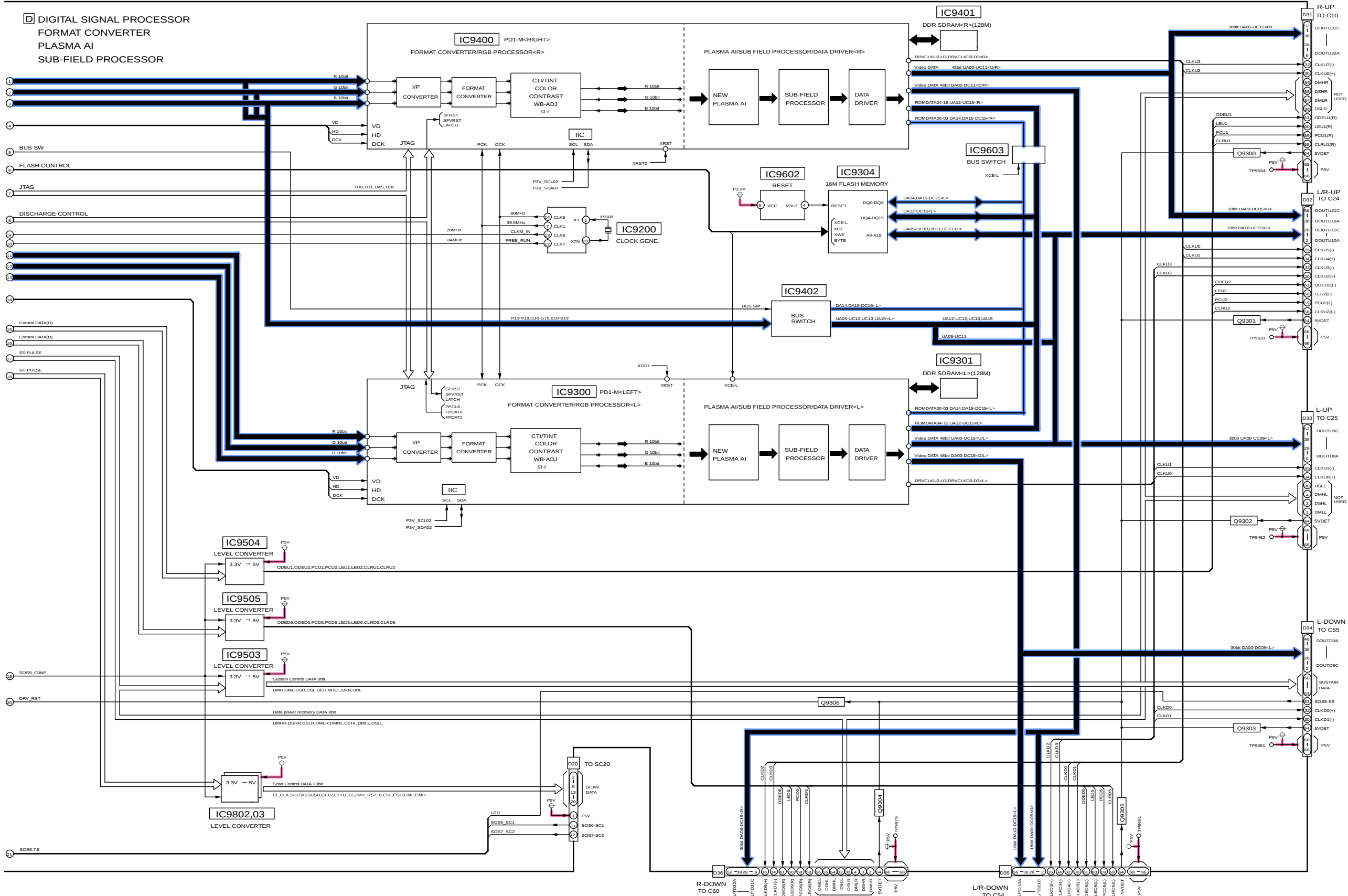




14.31. D-Board (1 of 2) Block Diagram



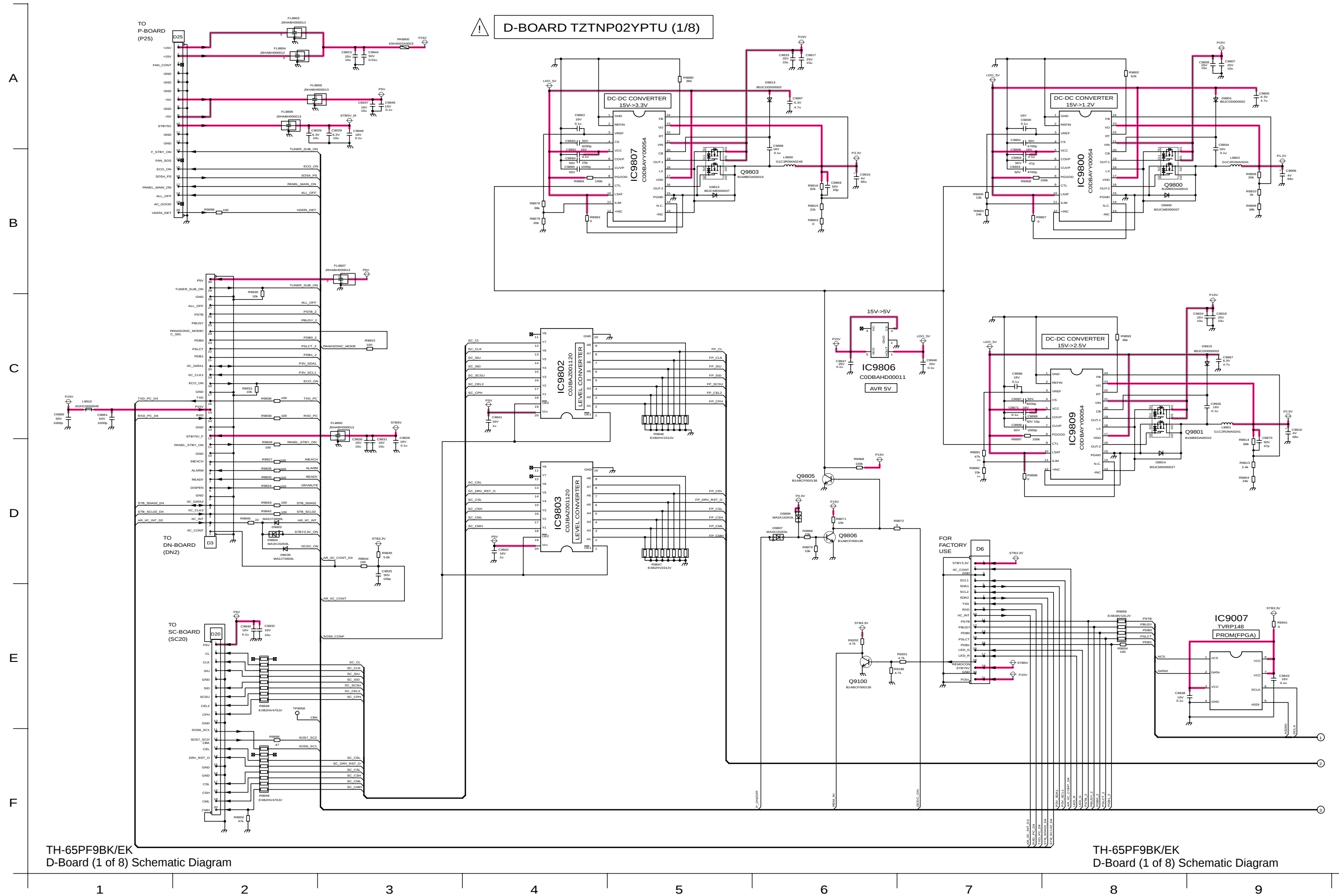
14.32. D-Board (2 of 2) Block Diagram



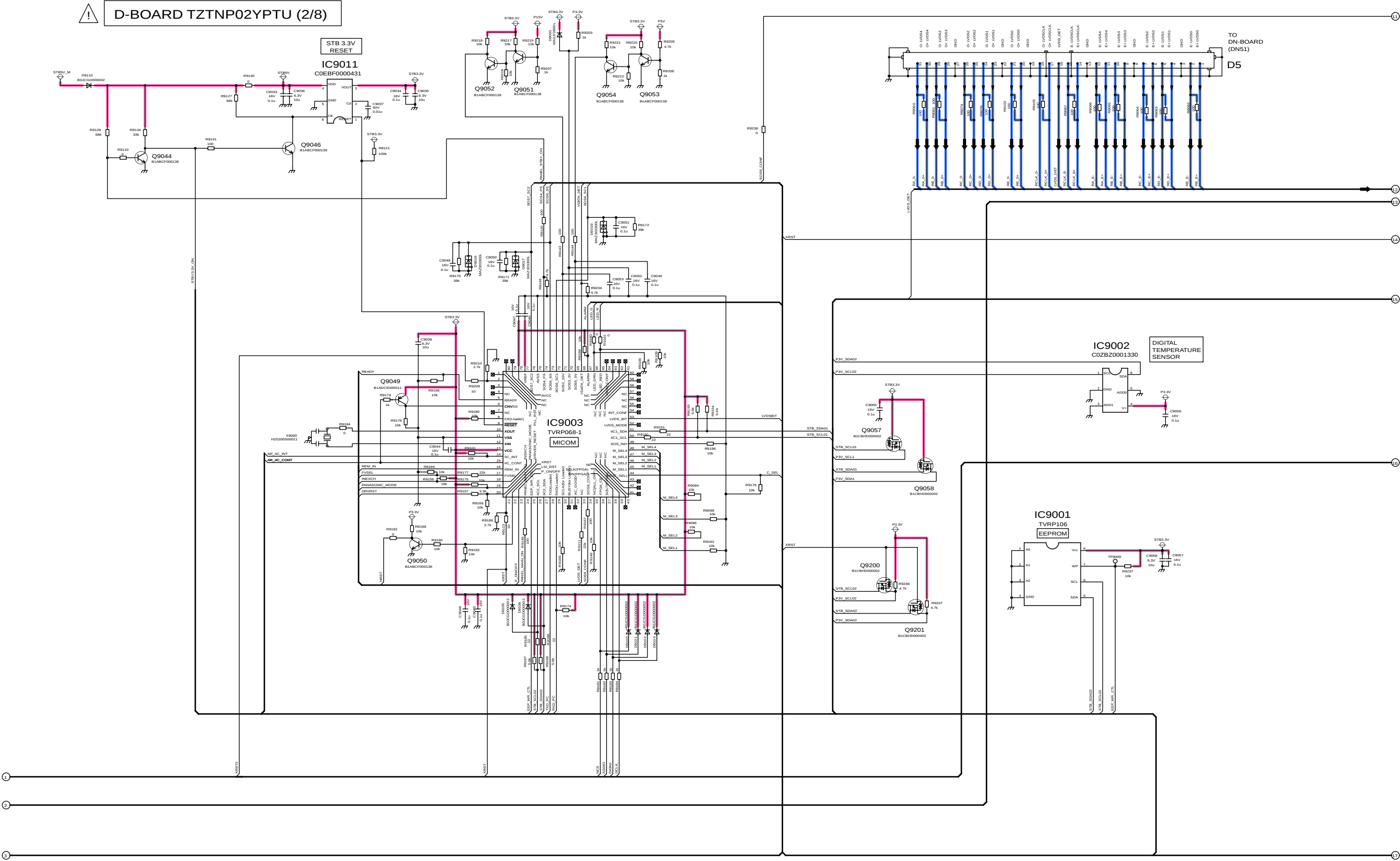
TH-65PF9BK/EK
D-Board (2 of 2) Block Diagram

TH-65PF9BK/EK
D-Board (2 of 2) Block Diagram

14.33. D-Board (1 of 8) Schematic Diagram



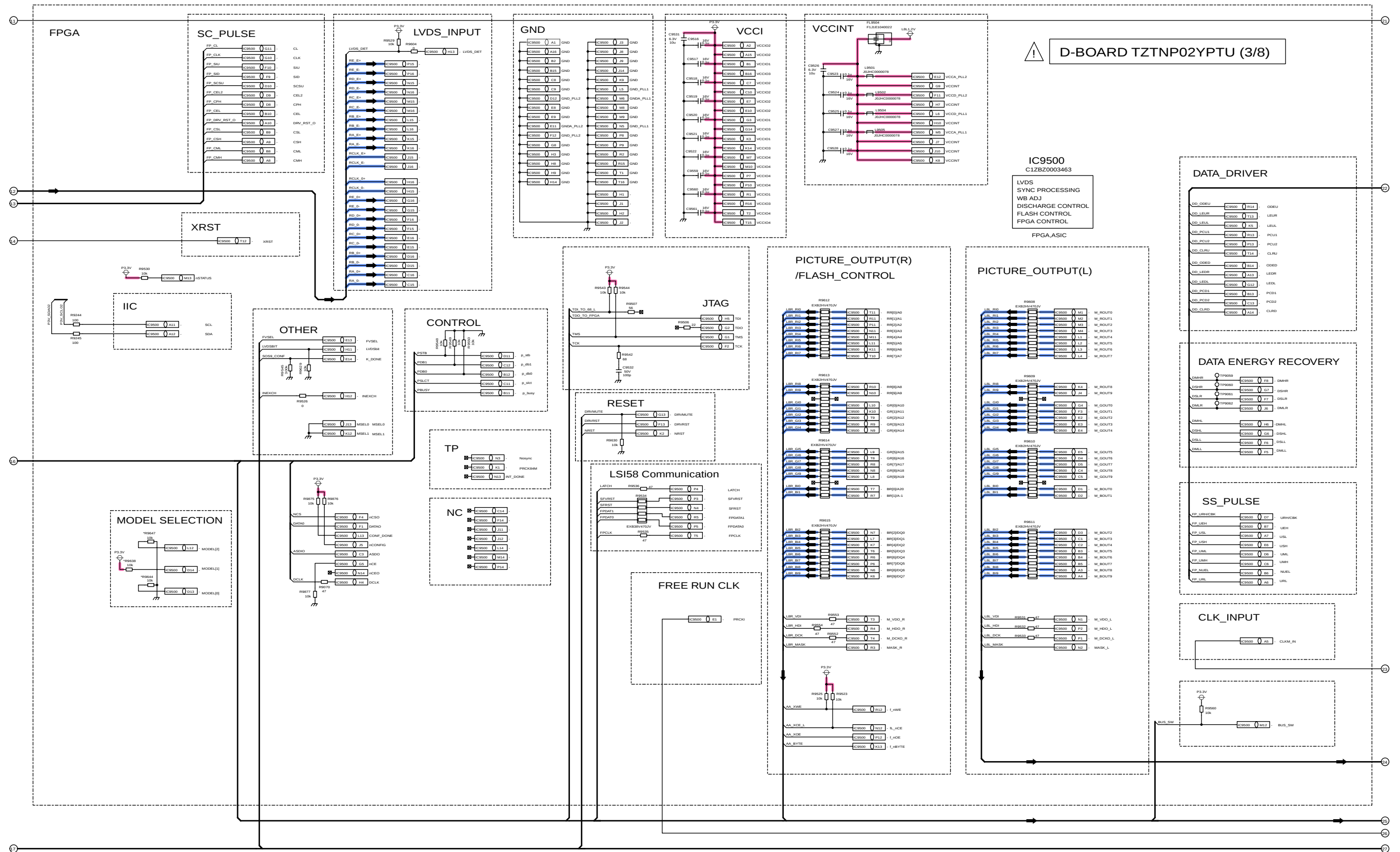
14.34. D-Board (2 of 8) Schematic Diagram



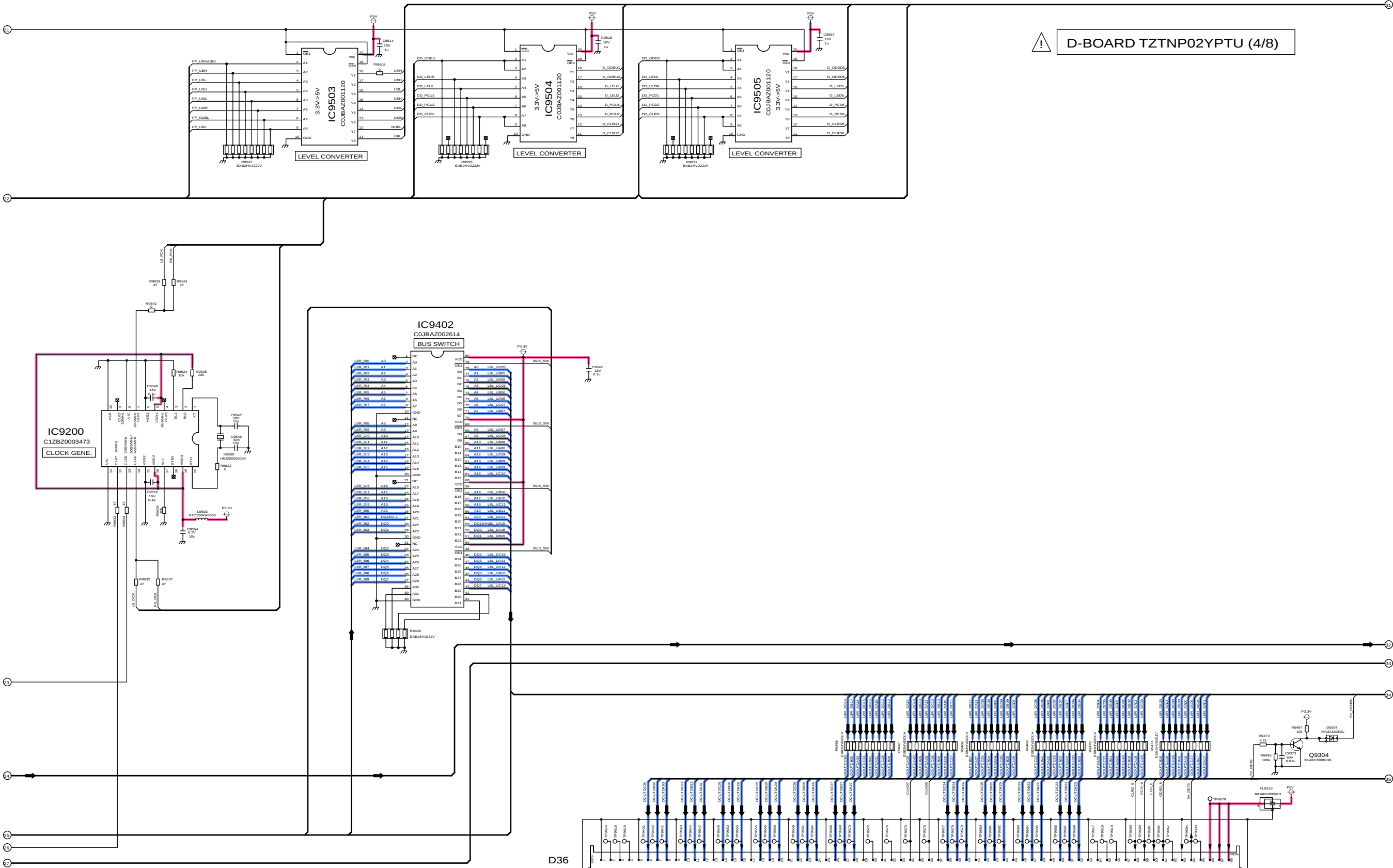
TH-65PF9BK/EK
D-Board (2 of 8) Schematic Diagram

TH-65PF9BK/EK
D-Board (2 of 8) Schematic Diagram

14.35. D-Board (3 of 8) Schematic Diagram

TH-65PF9BK/EK
D-Board (3 of 8) Schematic DiagramTH-65PF9BK/EK
D-Board (3 of 8) Schematic Diagram

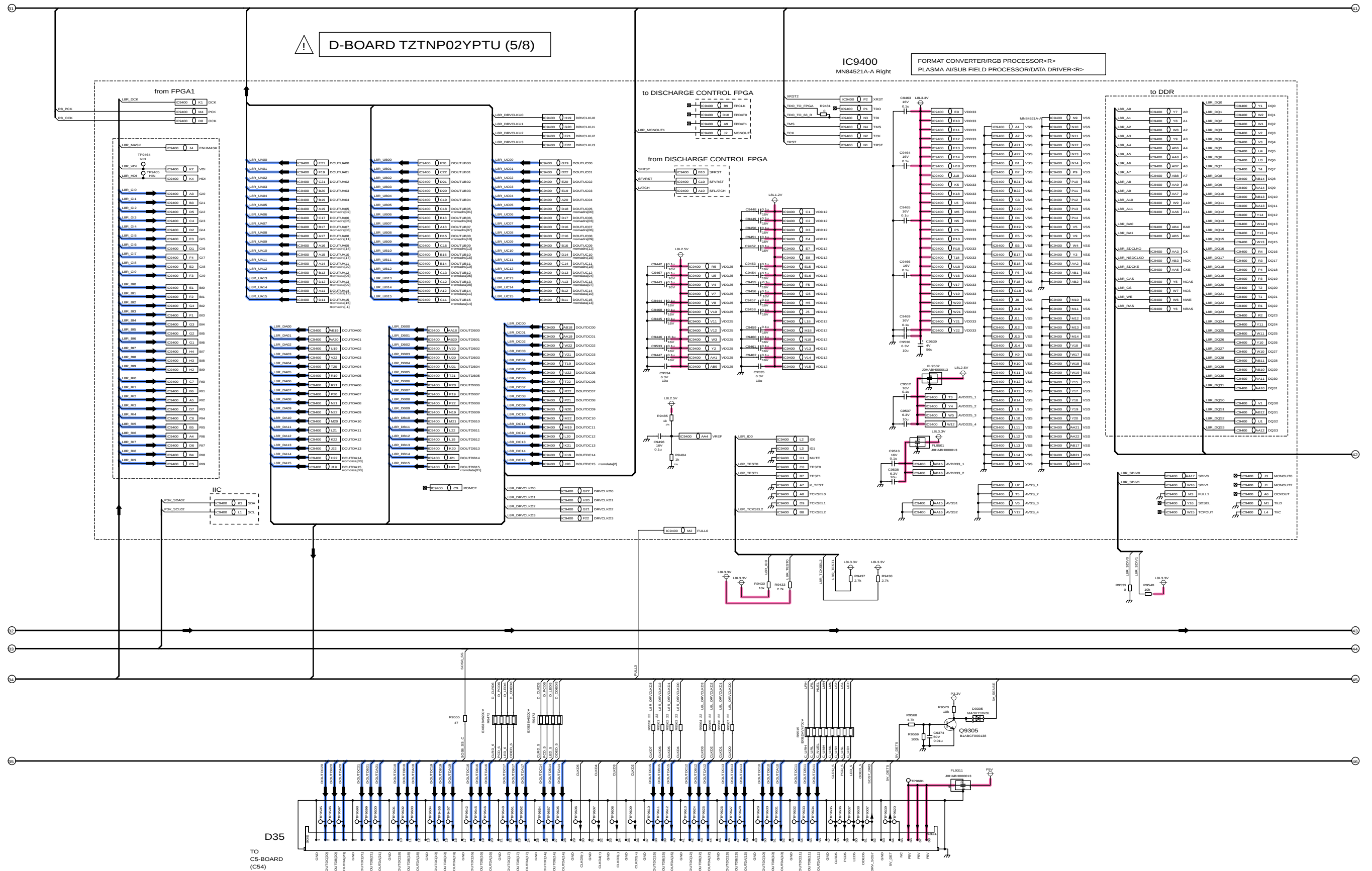
14.36. D-Board (4 of 8) Schematic Diagram



TH-65PF9BK/EK
D-Board (4 of 8) Schematic Diagram

TH-65PF9BK/EK
D-Board (4 of 8) Schematic Diagram

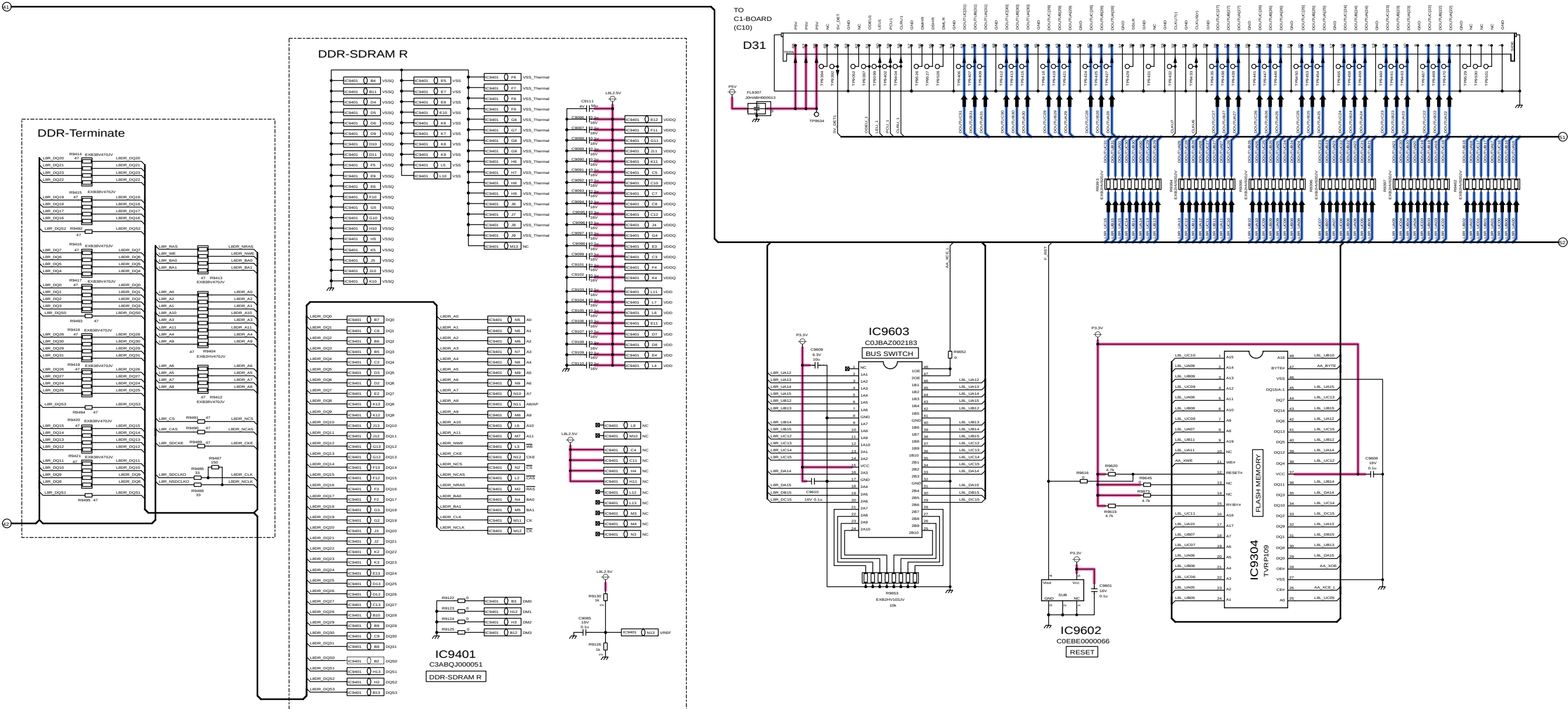
14.37. D-Board (5 of 8) Schematic Diagram



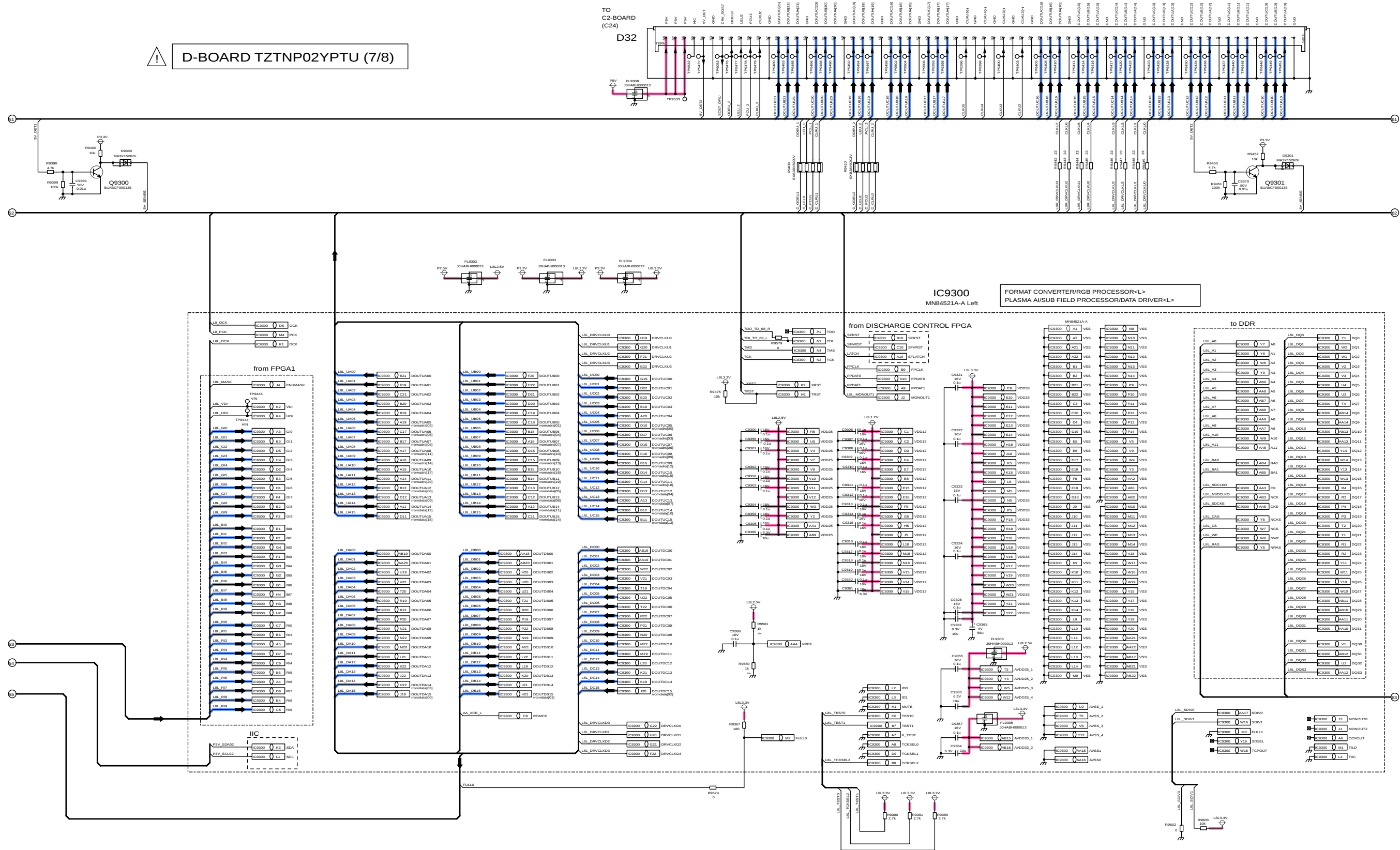
TH-65PF9BK/EK
D-Board (5 of 8) Schematic Diagram

TH-65PF9BK/EK
D-Board (5 of 8) Schematic Diagram

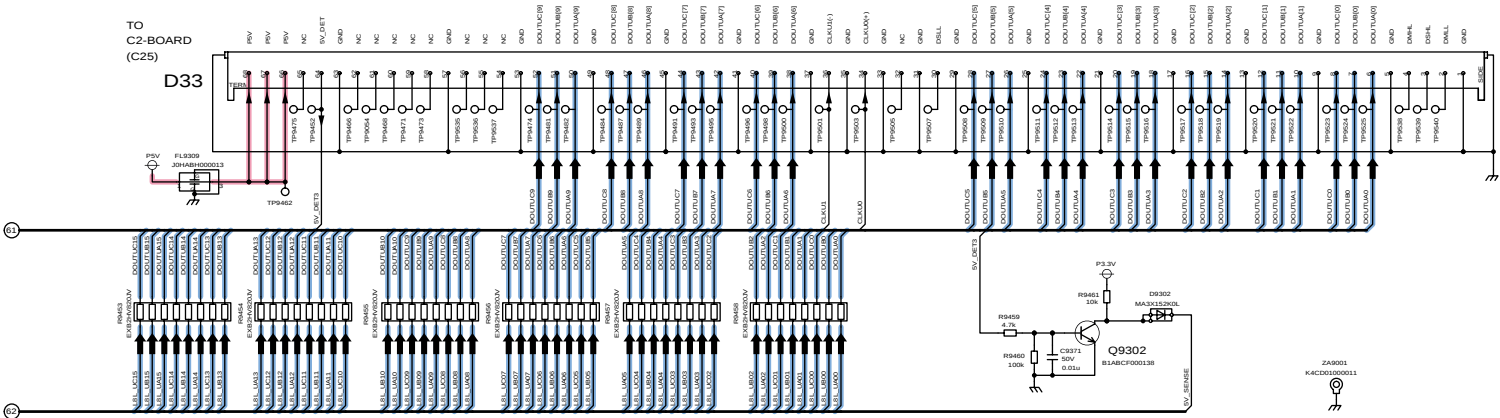
14.38. D-Board (6 of 8) Schematic Diagram



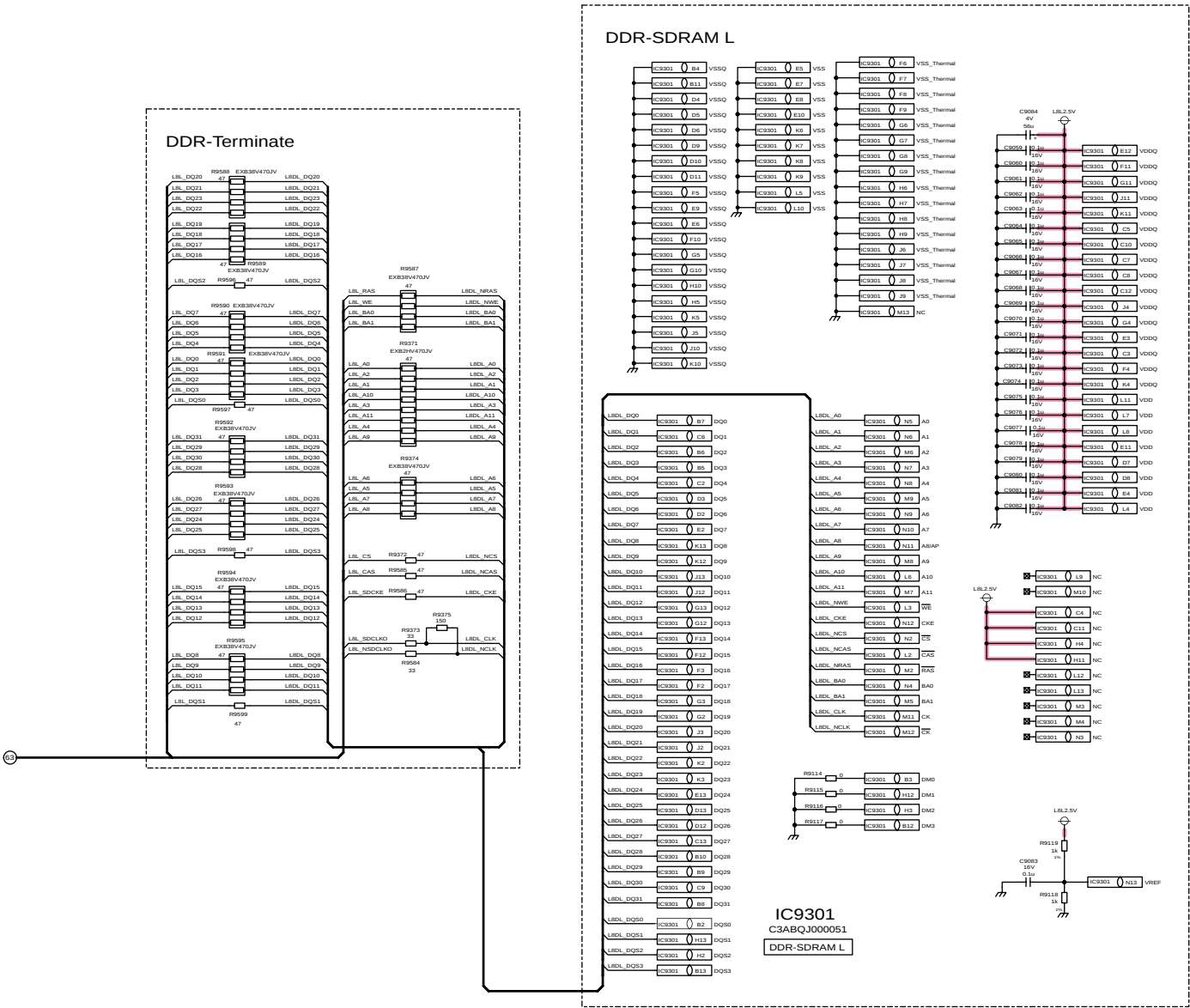
14.39. D-Board (7 of 8) Schematic Diagram



14.40. D-Board (8 of 8) Schematic Diagram



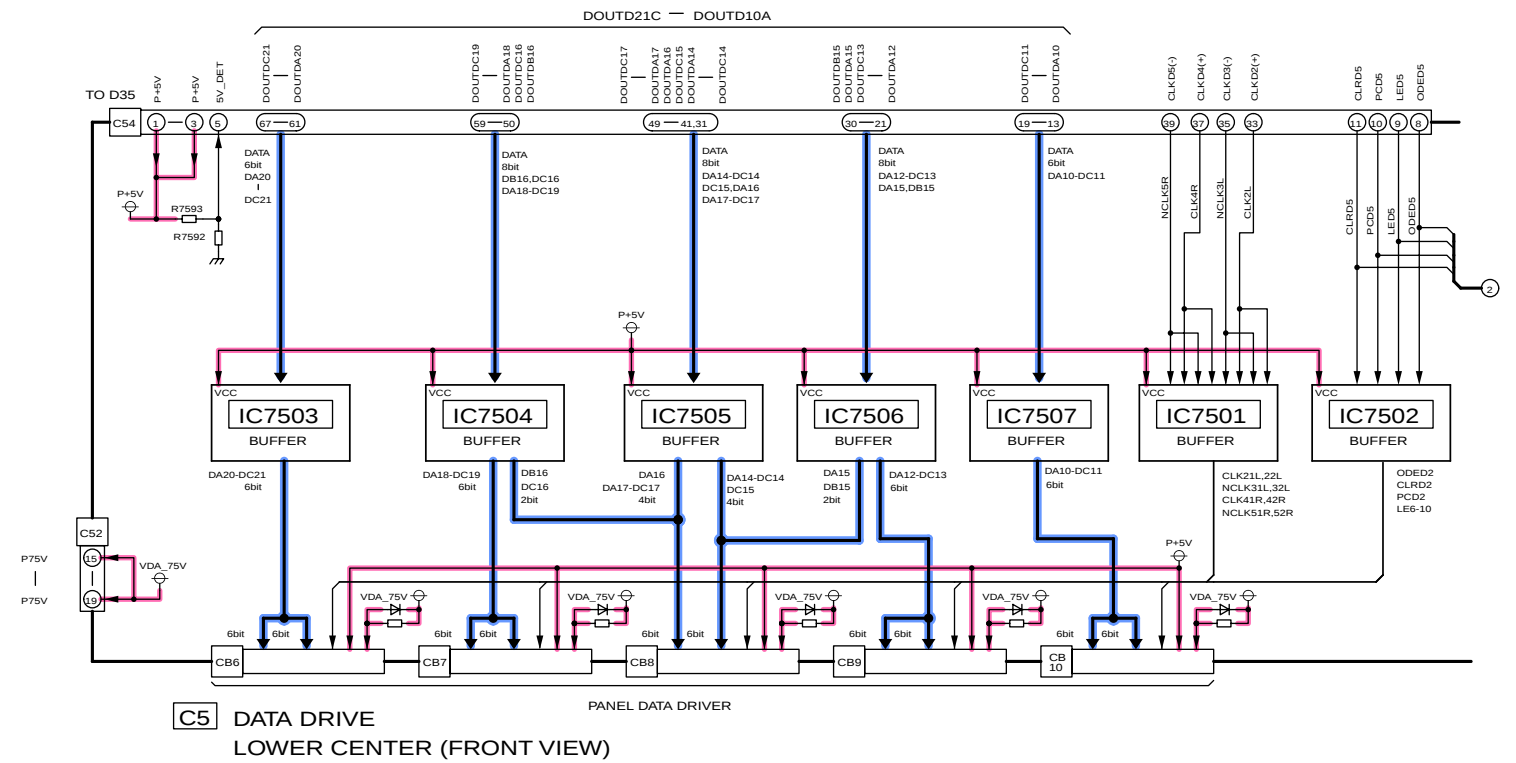
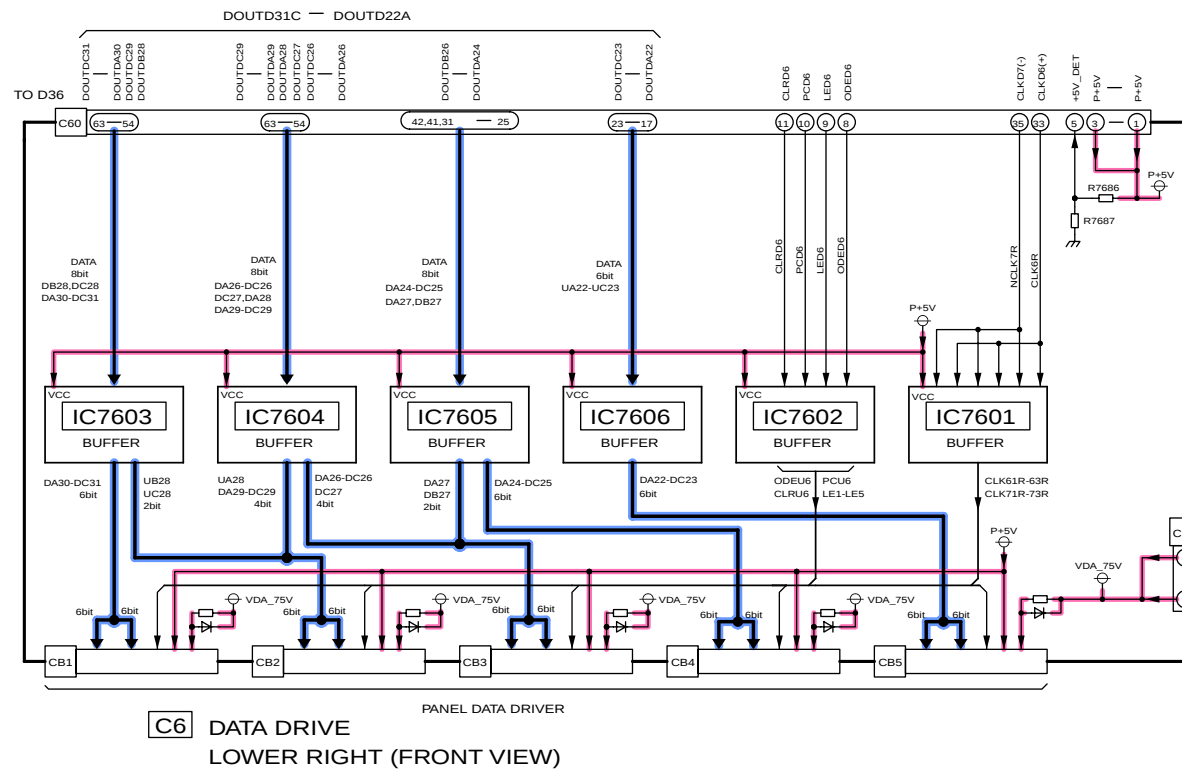
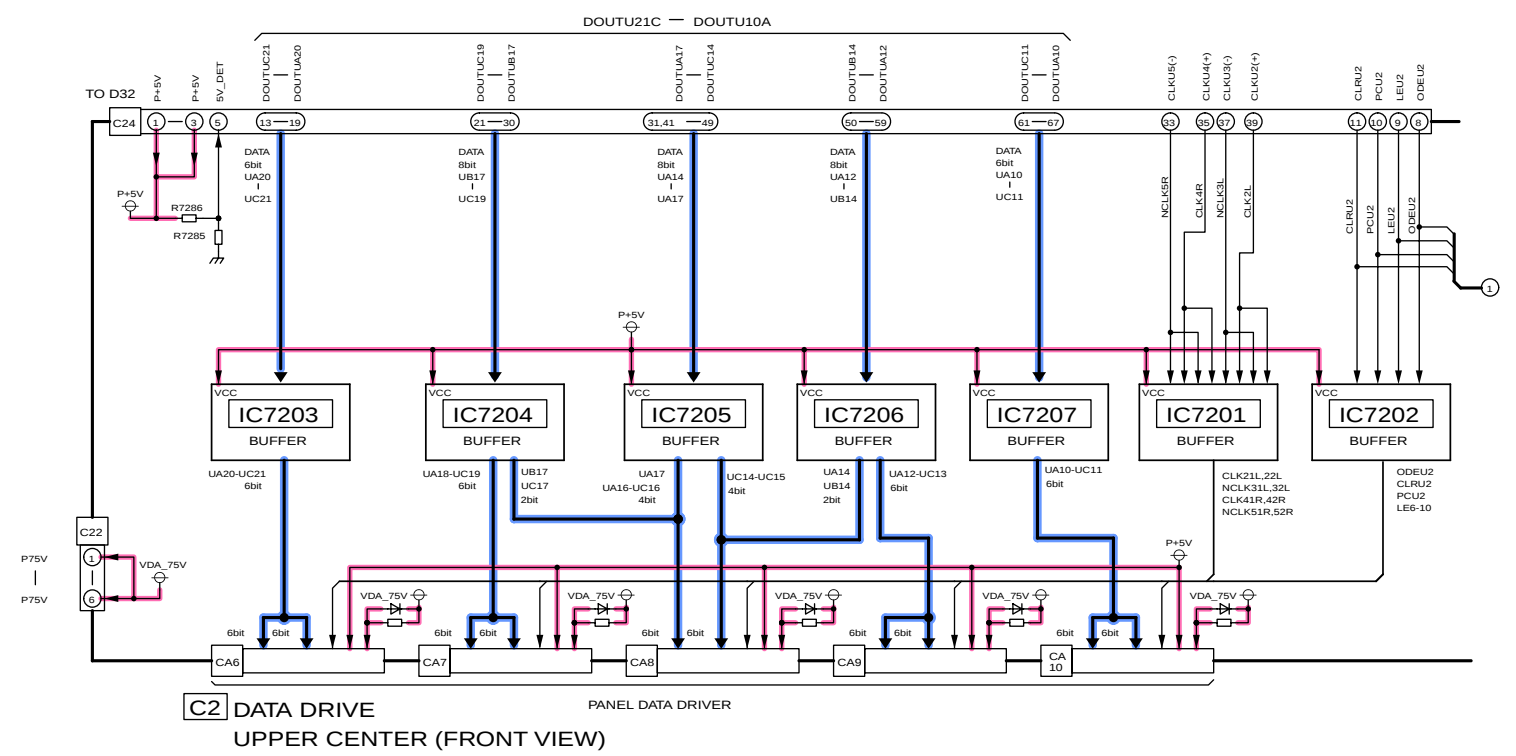
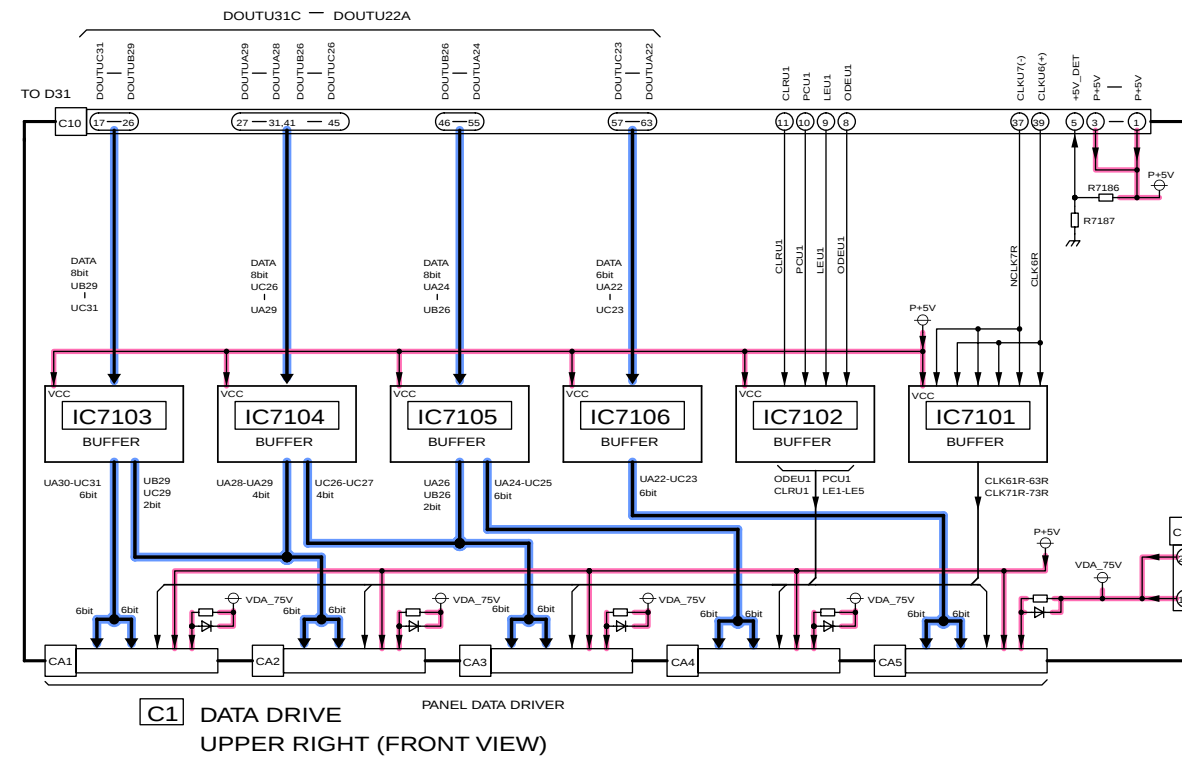
D-BOARD TZTNP02YPTU (8/8)



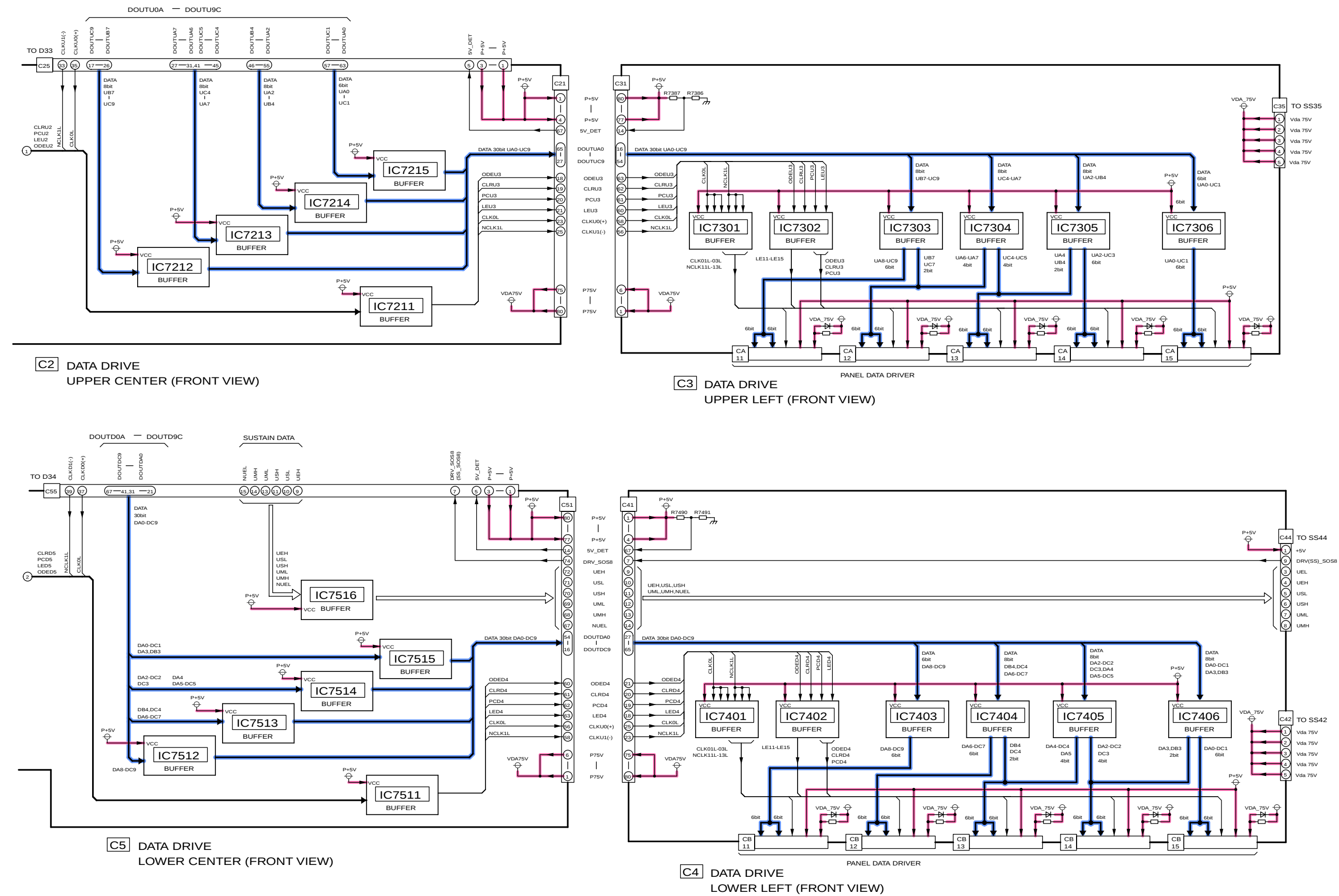
TH-65PF9UK
D-Board (8 of 8) Schematic Diagram

TH-65PF9UK
D-Board (8 of 8) Schematic Diagram

14.41. C1, C2, C5 and C6-Board Block Diagram



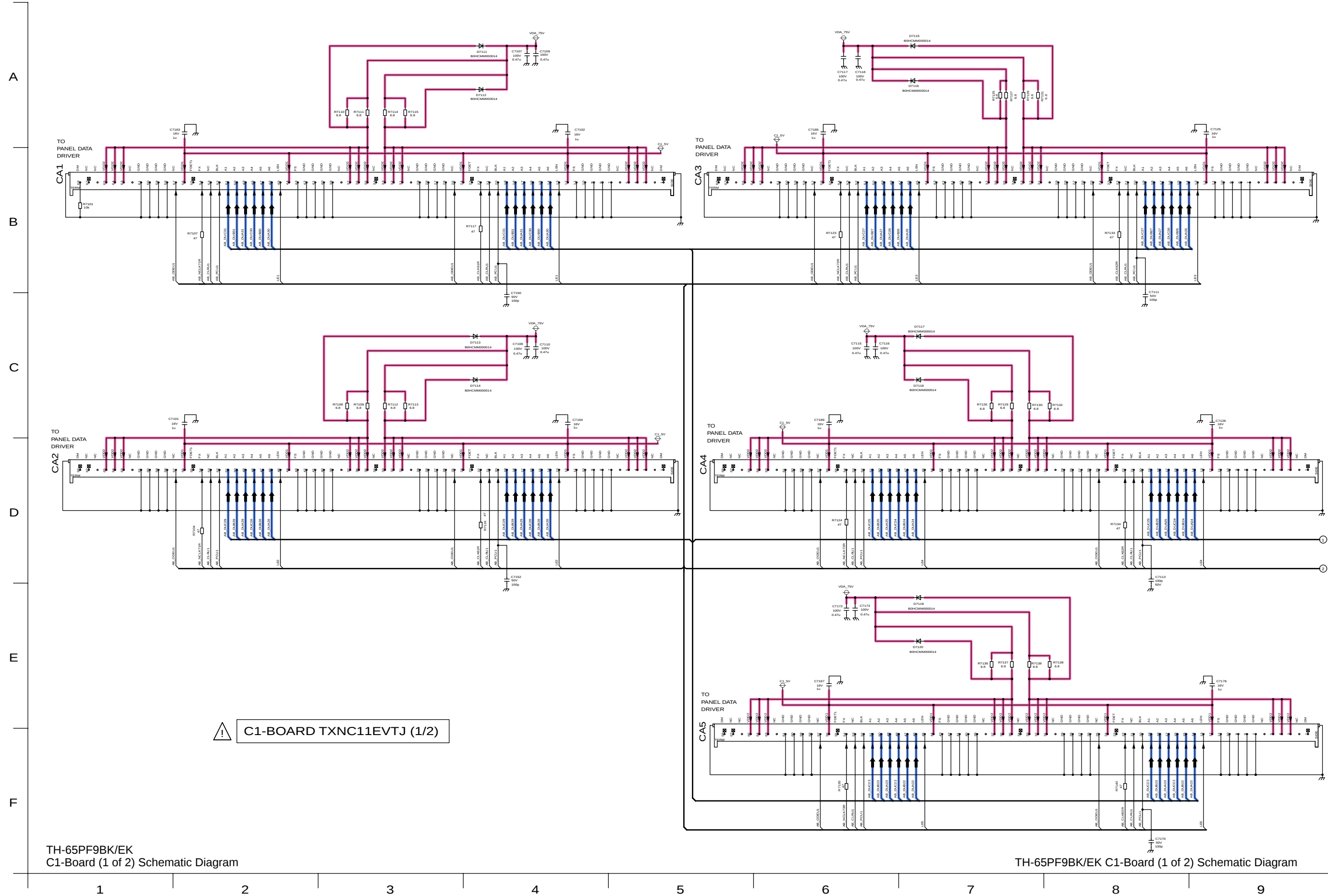
14.42. C2, C3, C4 and C5-Board Block Diagram



TH-65PF9BK/EK
C2, C3, C4 and C5-Board Block Diagram

TH-65PF9BK/EK
C2, C3, C4 and C5-Board Block Diagram

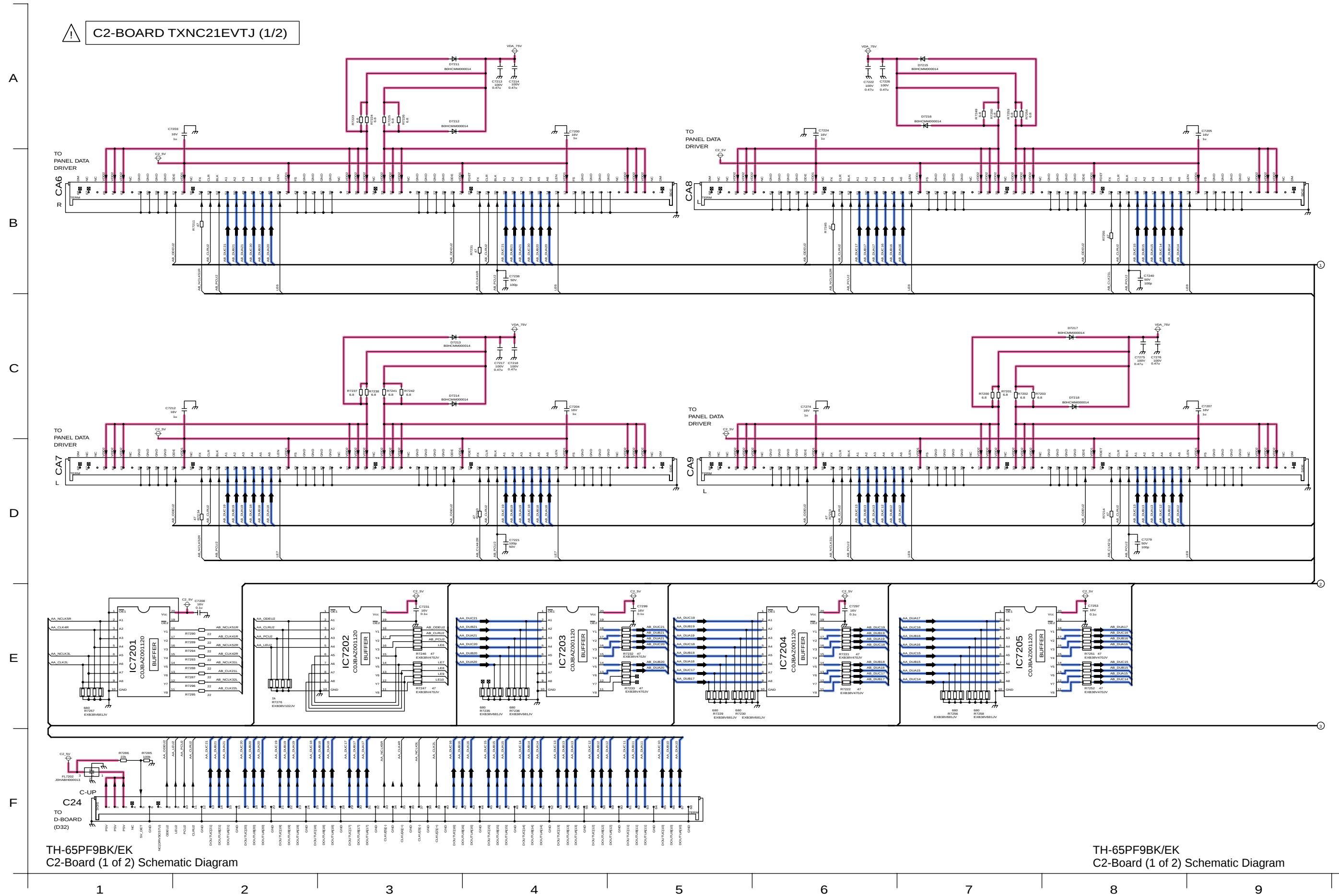
14.43. C1-Board (1 of 2) Schematic Diagram

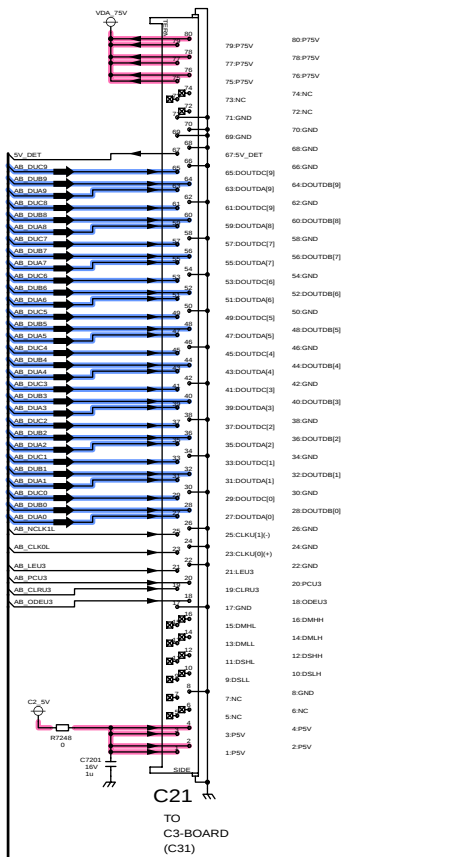
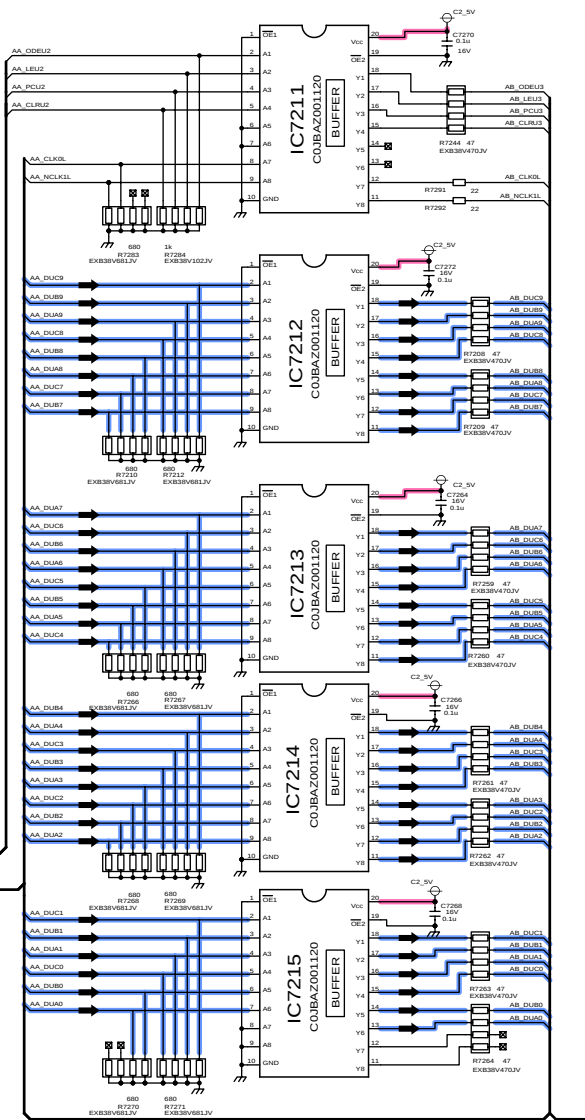
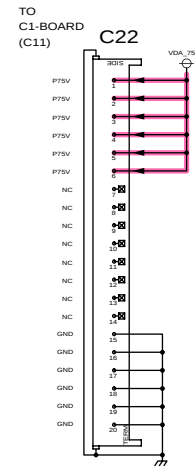




TH-65PF9BK/EK
C1-Board (2 of 2) Schematic Diagram

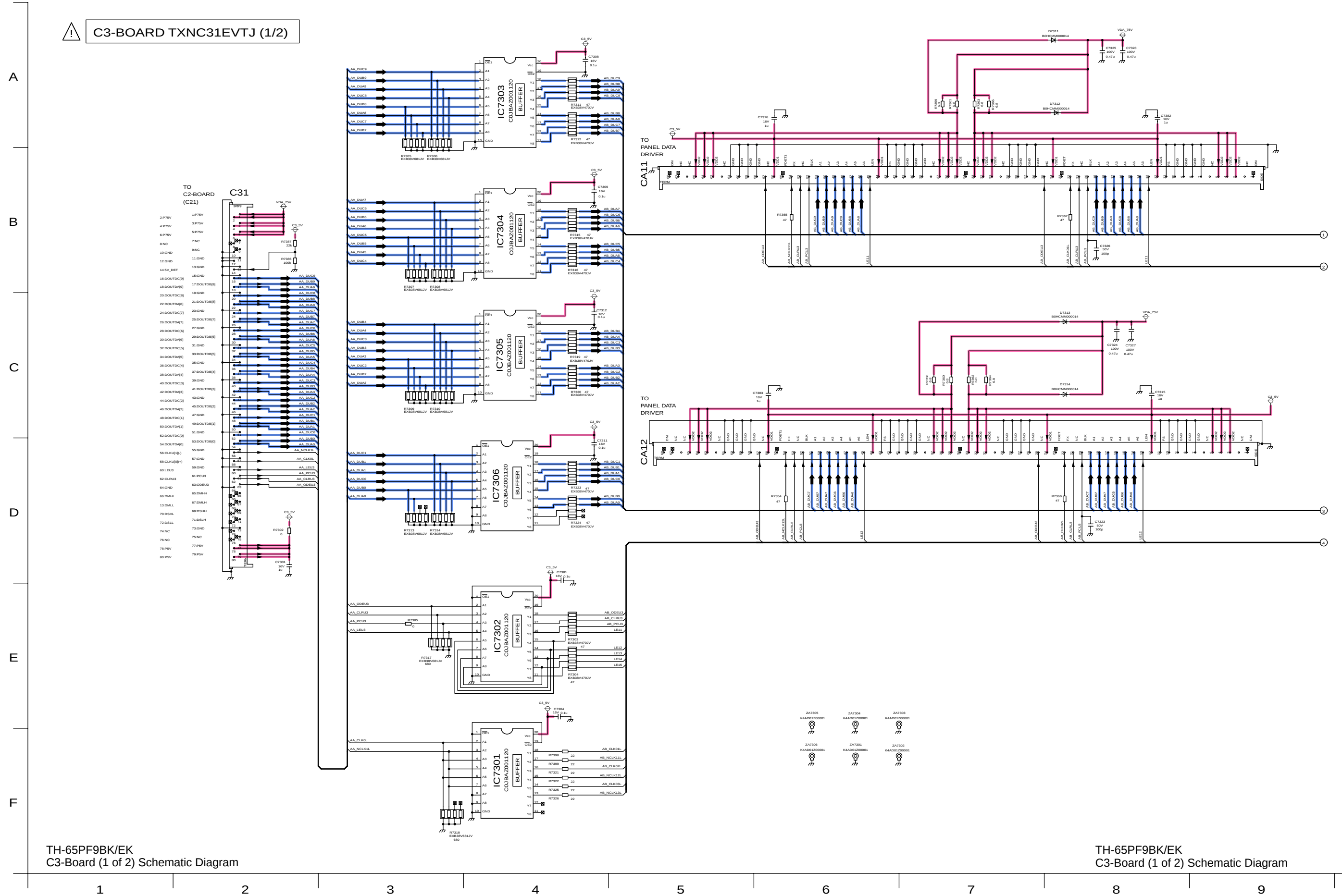
14.45. C2-Board (1 of 2) Schematic Diagram

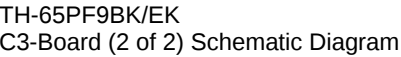
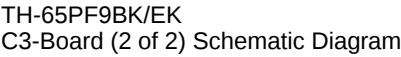




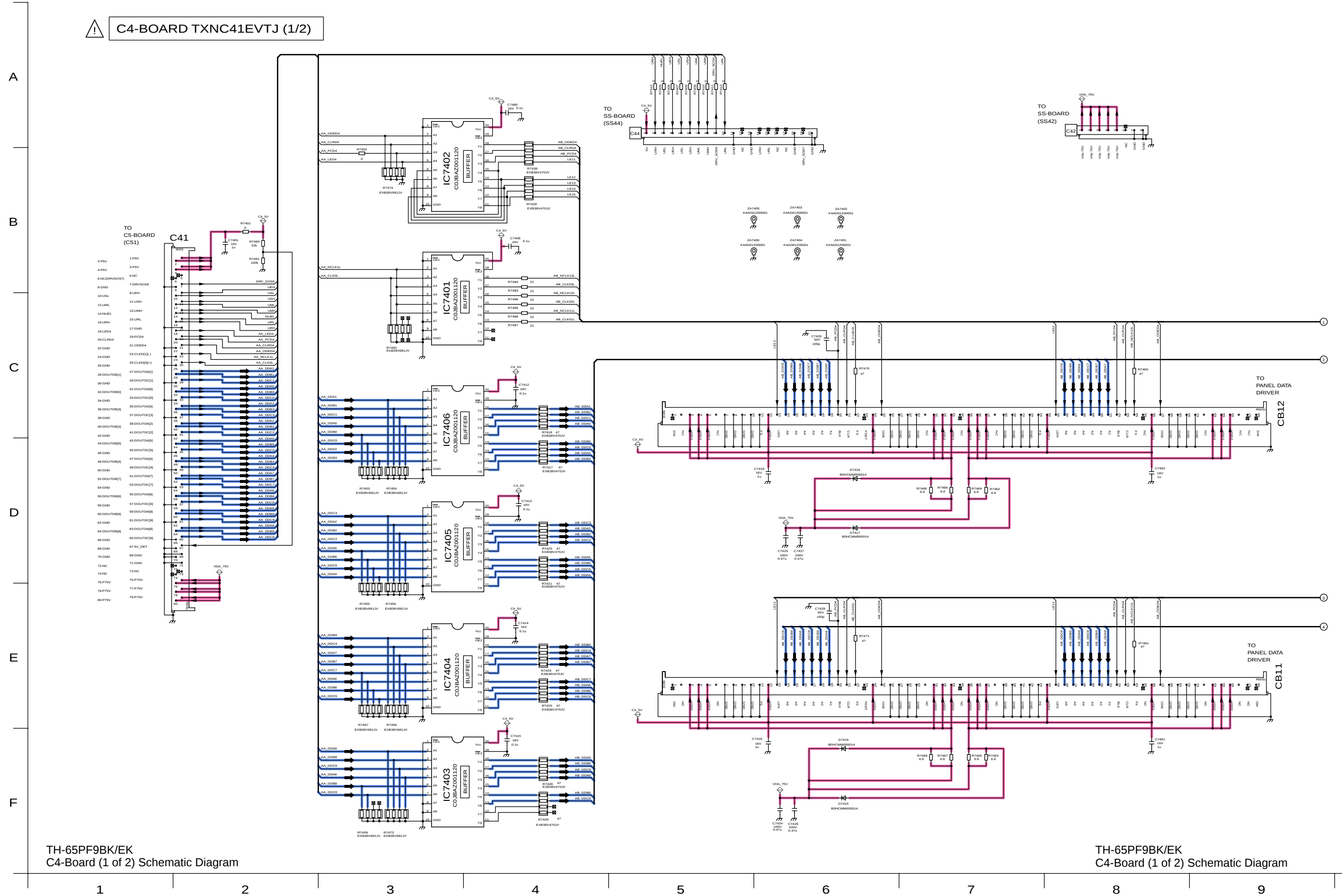
TH-65PF9BK/EK
C2-Board (2 of 2) Schematic Diagram

14.47. C3-Board (1 of 2) Schematic Diagram

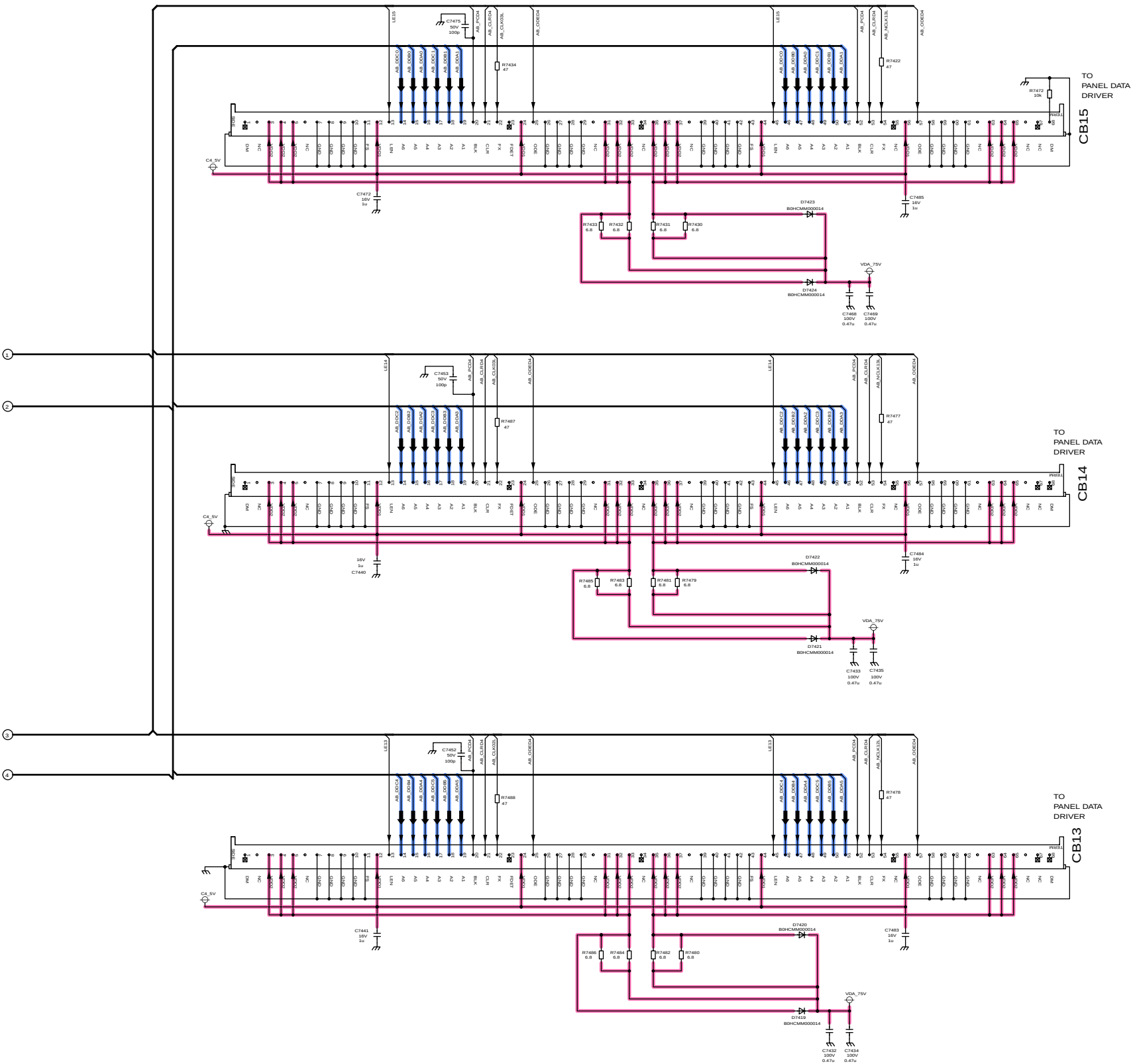




14.49. C4-Board (1 of 2) Schematic Diagram



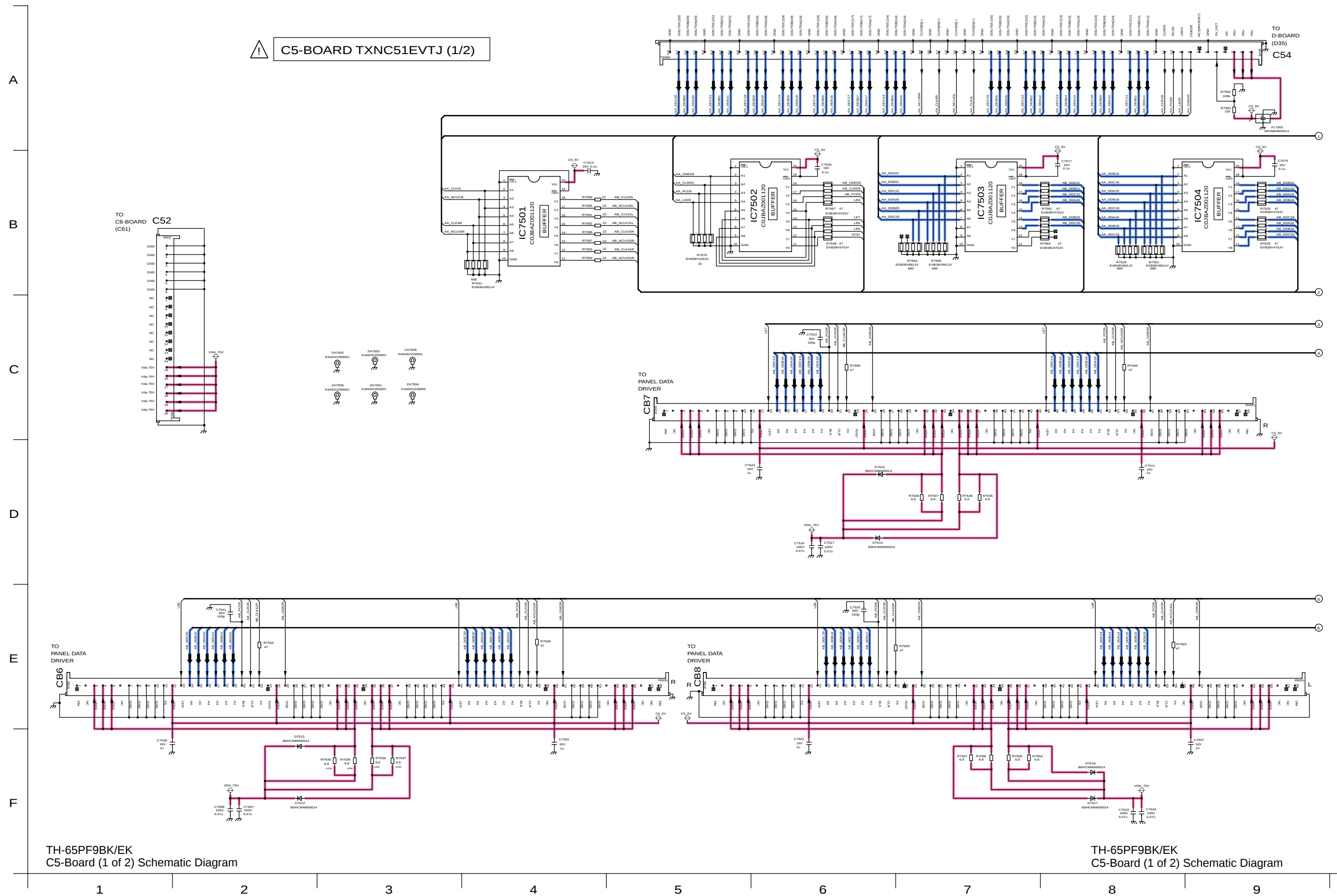
14.50. C4-Board (2 of 2) Schematic Diagram

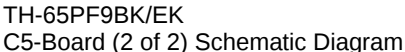
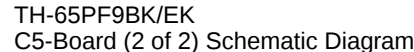


TH-65PF9BK/EK C4-Board (2 of 2) Schematic Diagram

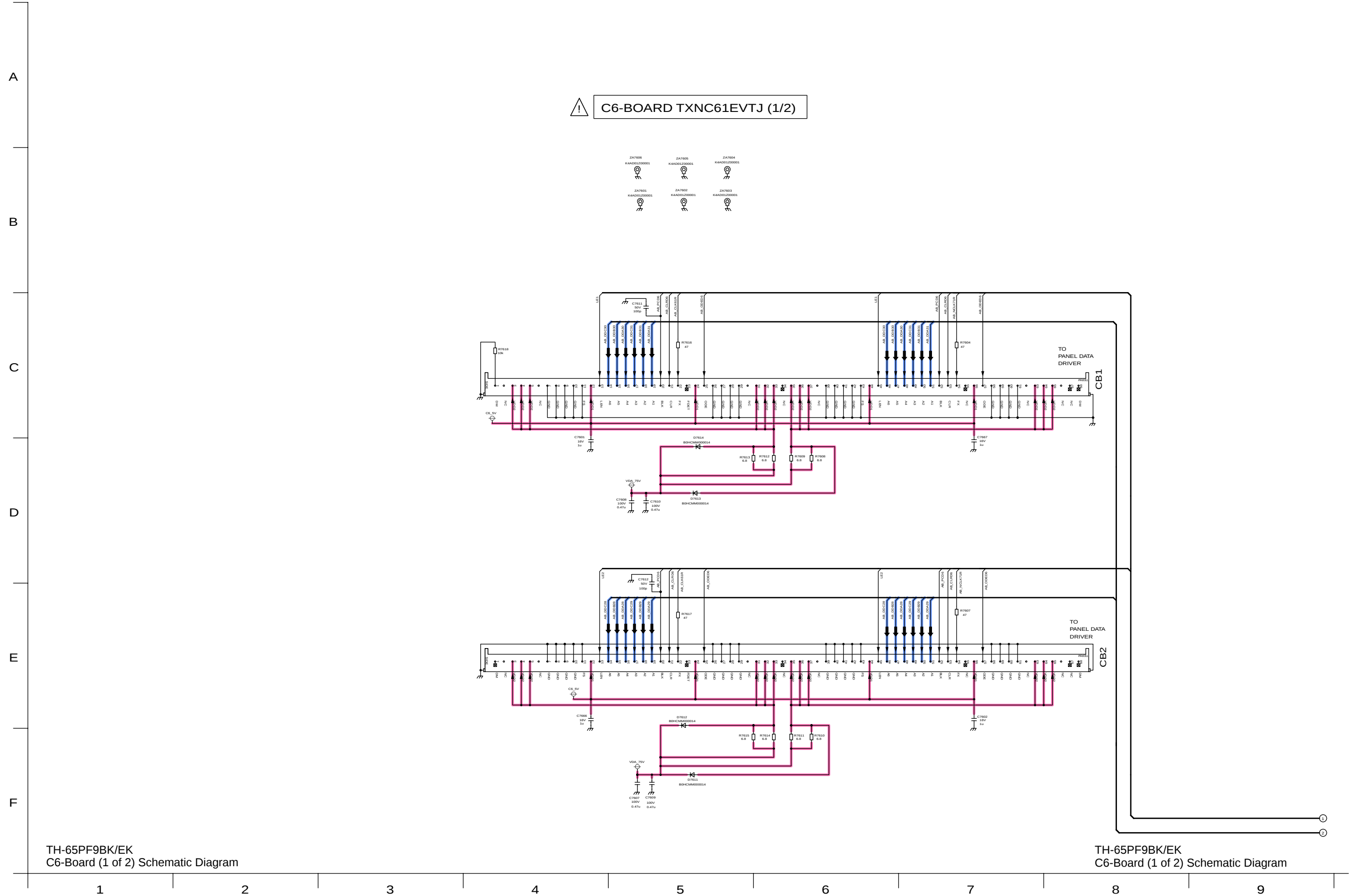
TH-65PF9BK/EK C4-Board (2 of 2) Schematic Diagram

14.51. C5-Board (1 of 2) Schematic Diagram

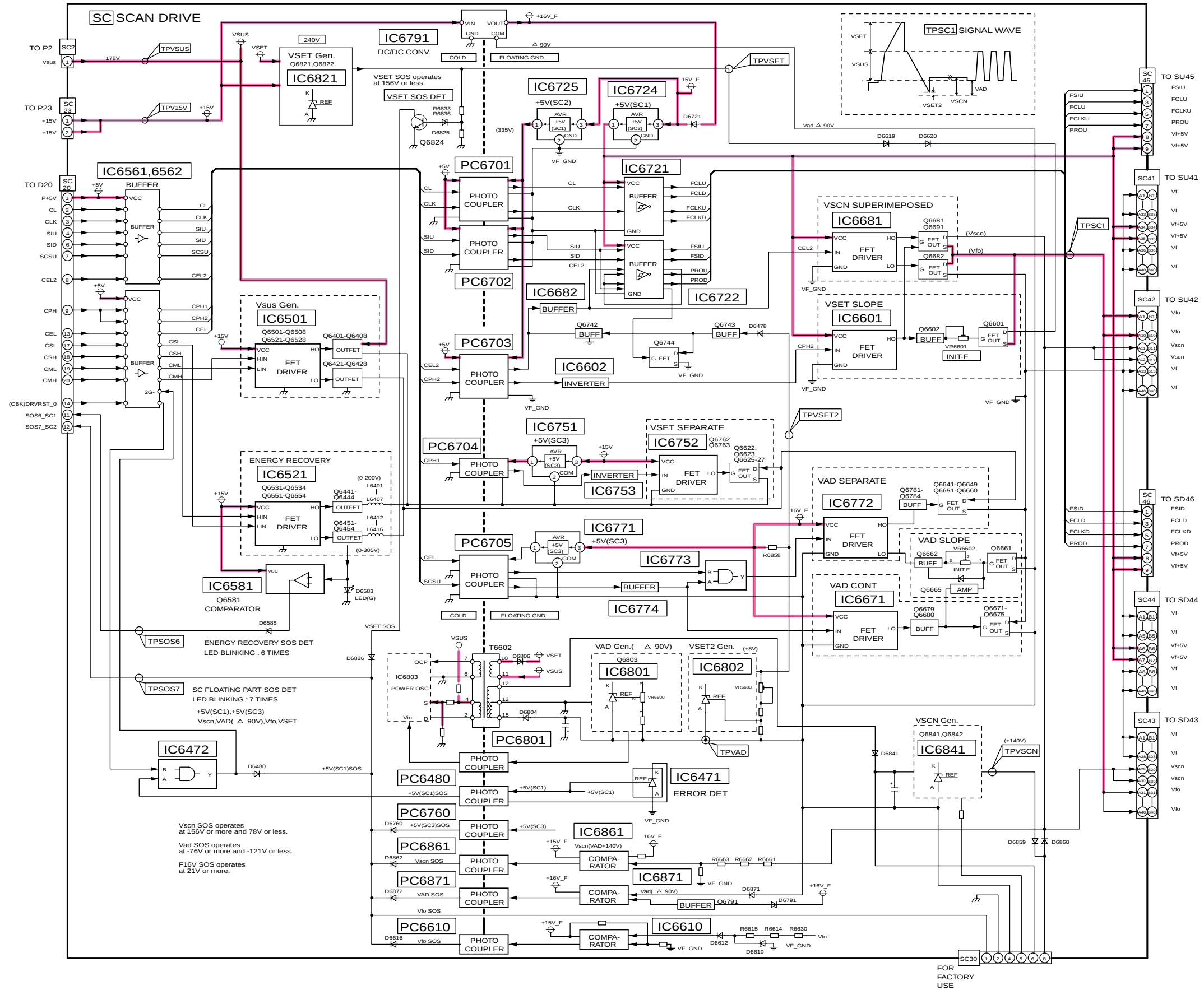




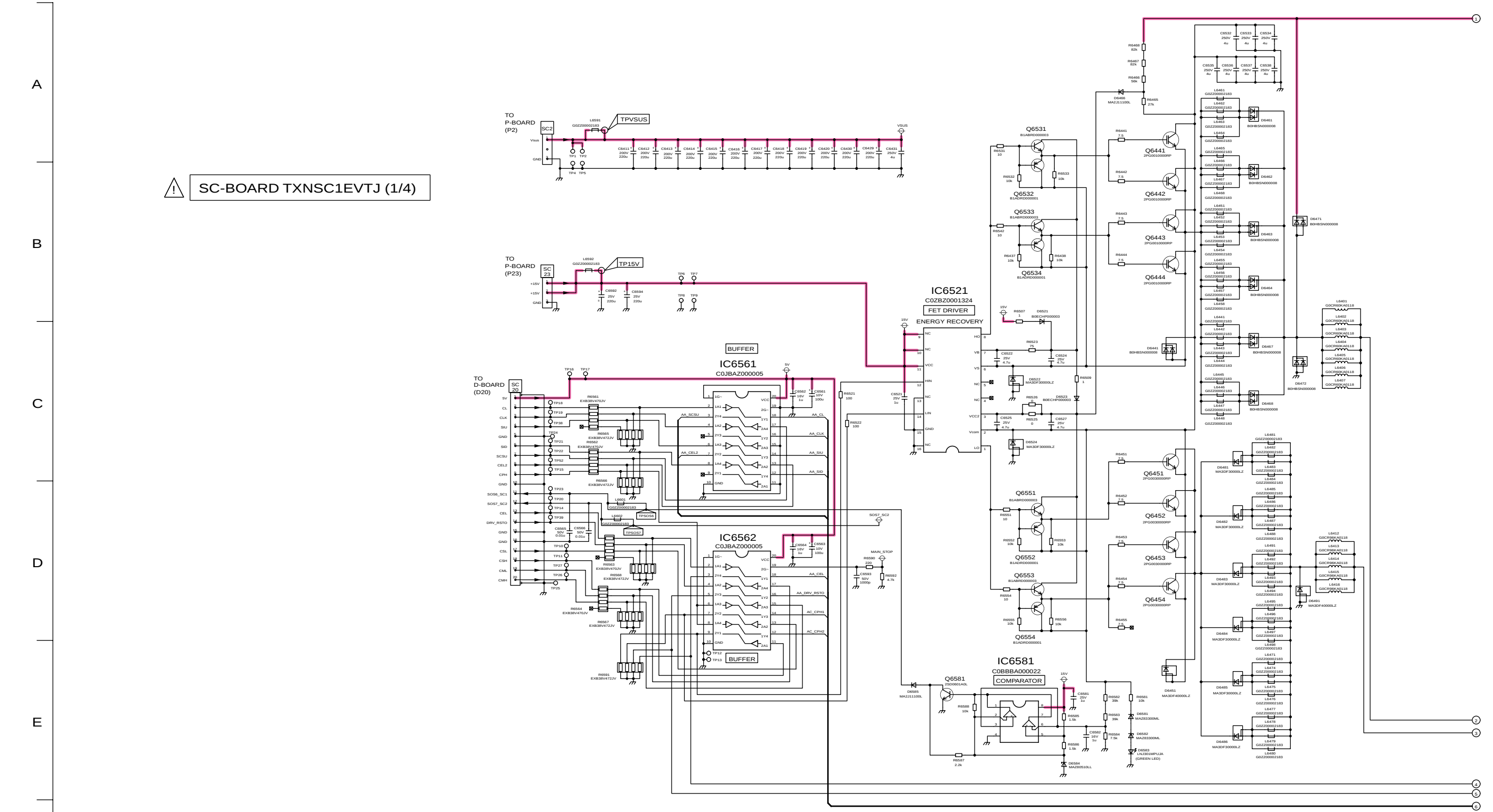
14.53. C6-Board (1 of 2) Schematic Diagram



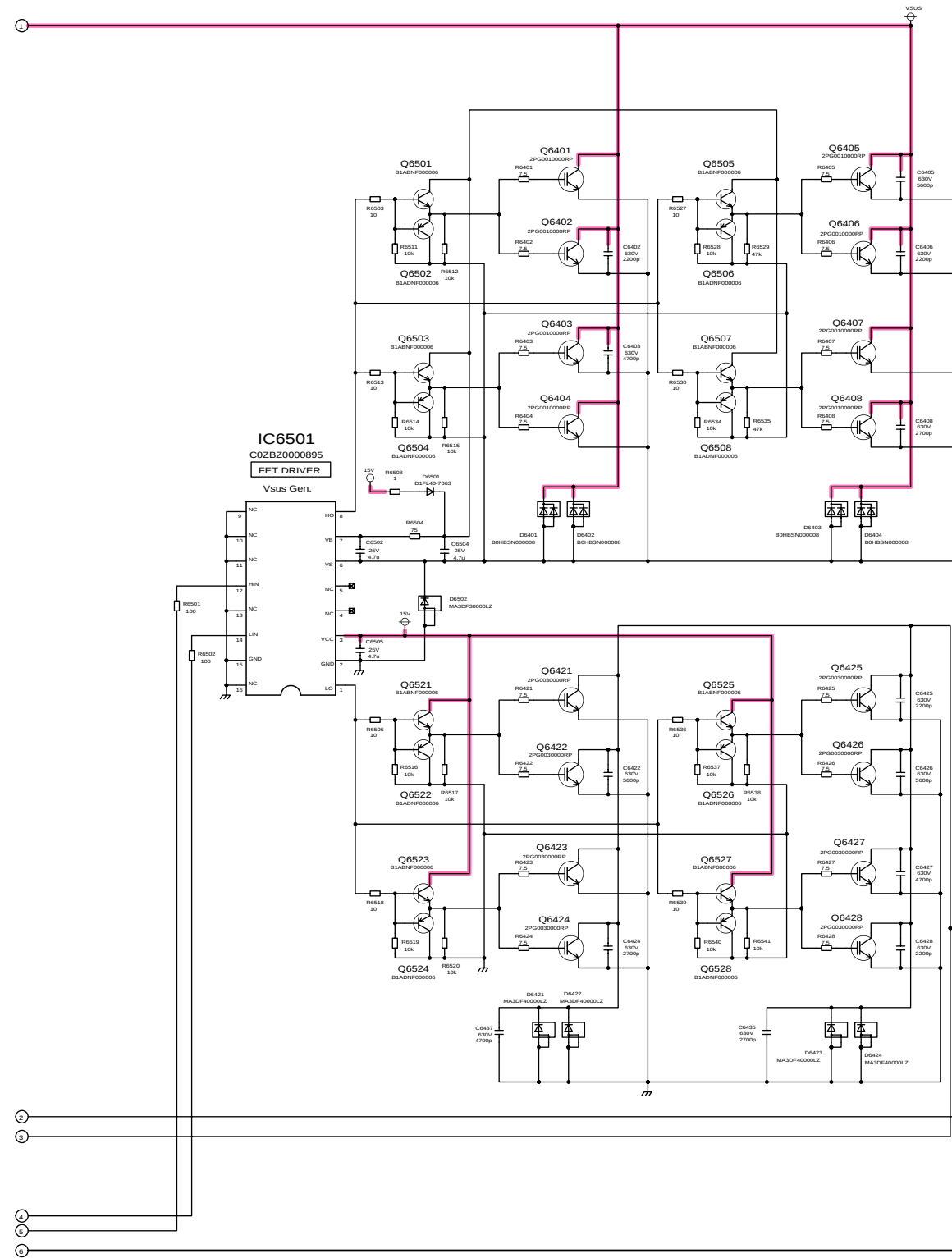
14.55. SC-Board Block Diagram



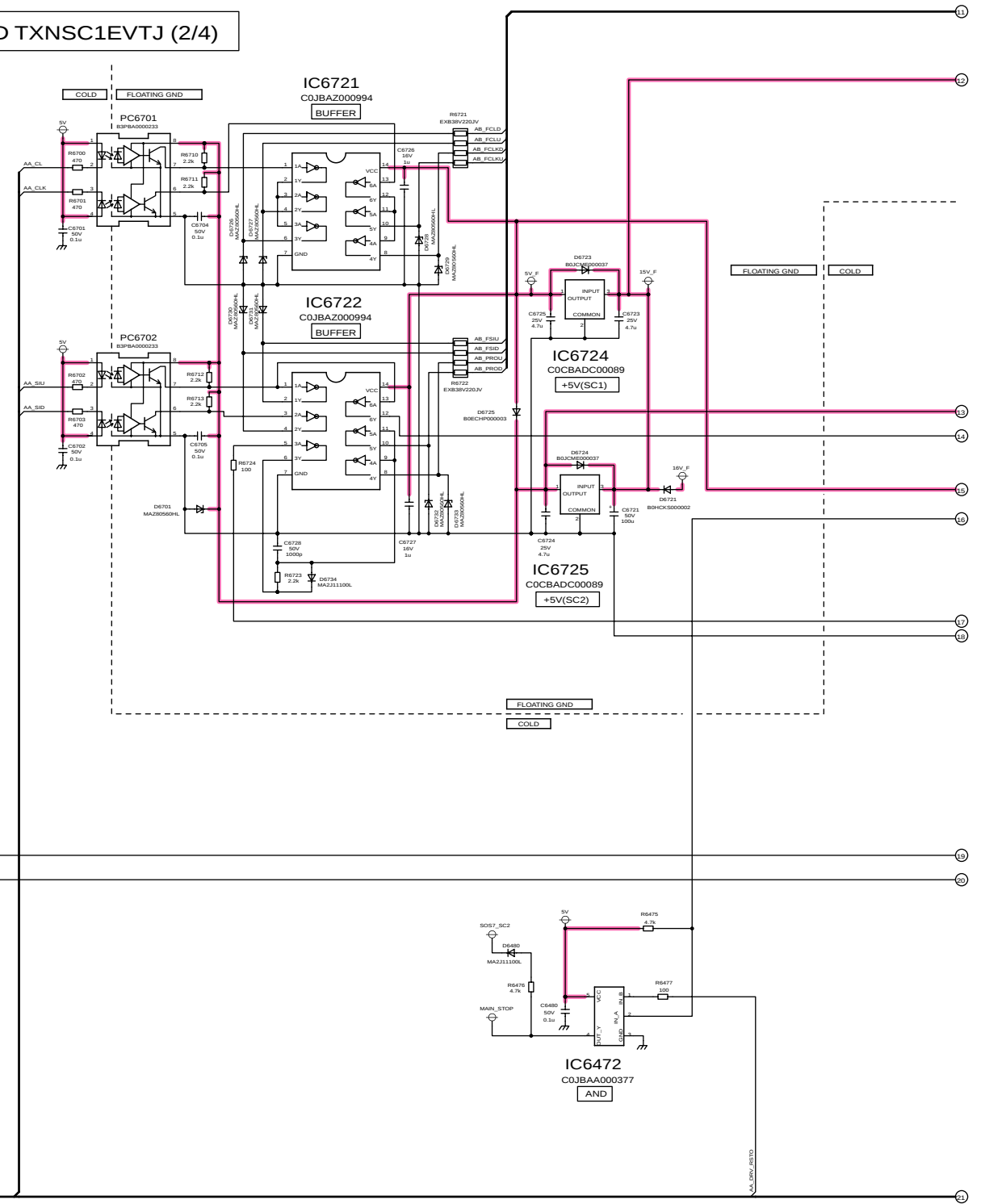
14.56. SC-Board (1 of 4) Schematic Diagram



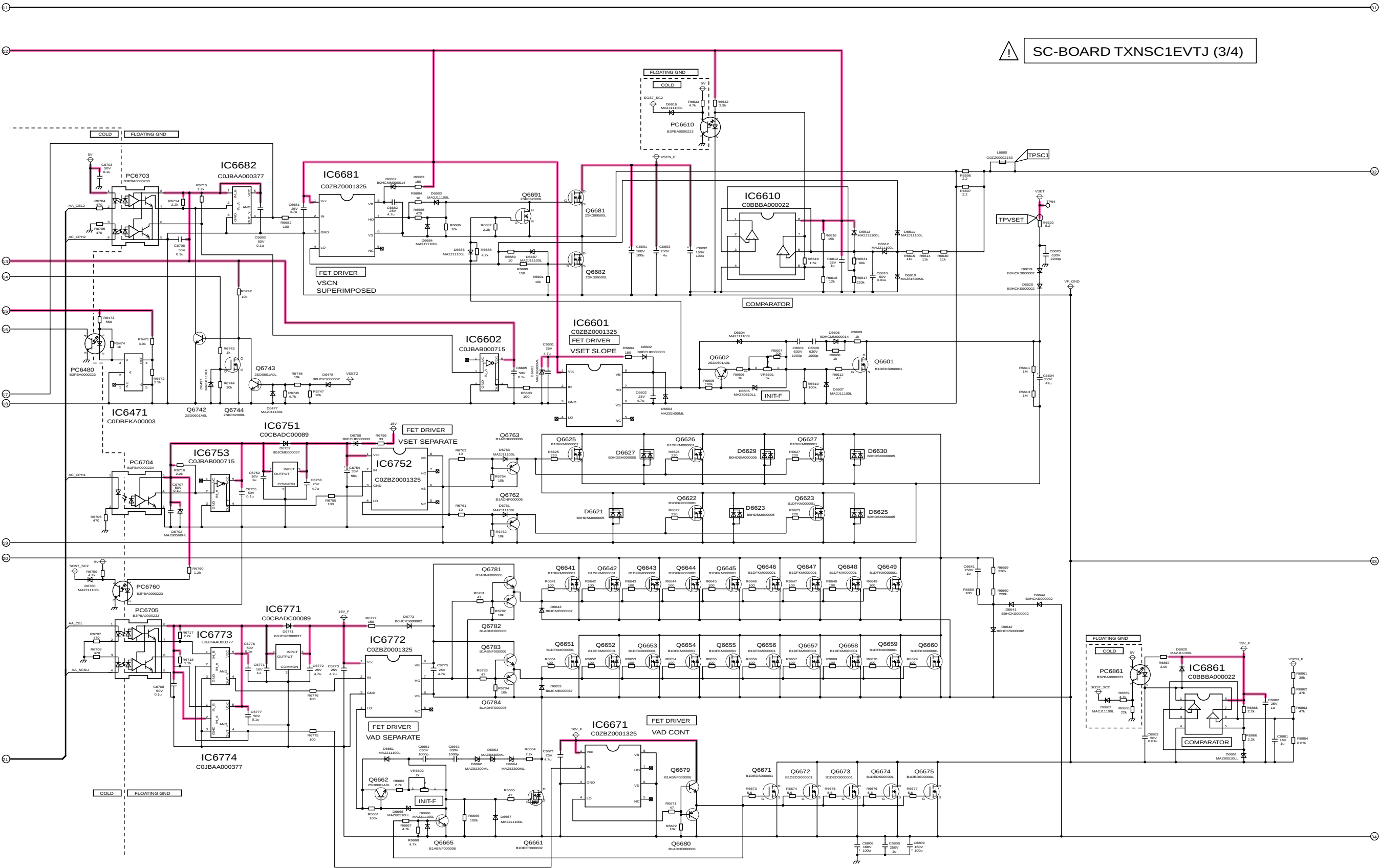
14.57. SC-Board (2 of 4) Schematic Diagram

TH-65PF9BK/EK
SC-Board (2 of 4) Schematic Diagram

SC-BOARD TXNSC1EVTJ (2/4)

TH-65PF9BK/EK
SC-Board (2 of 4) Schematic Diagram

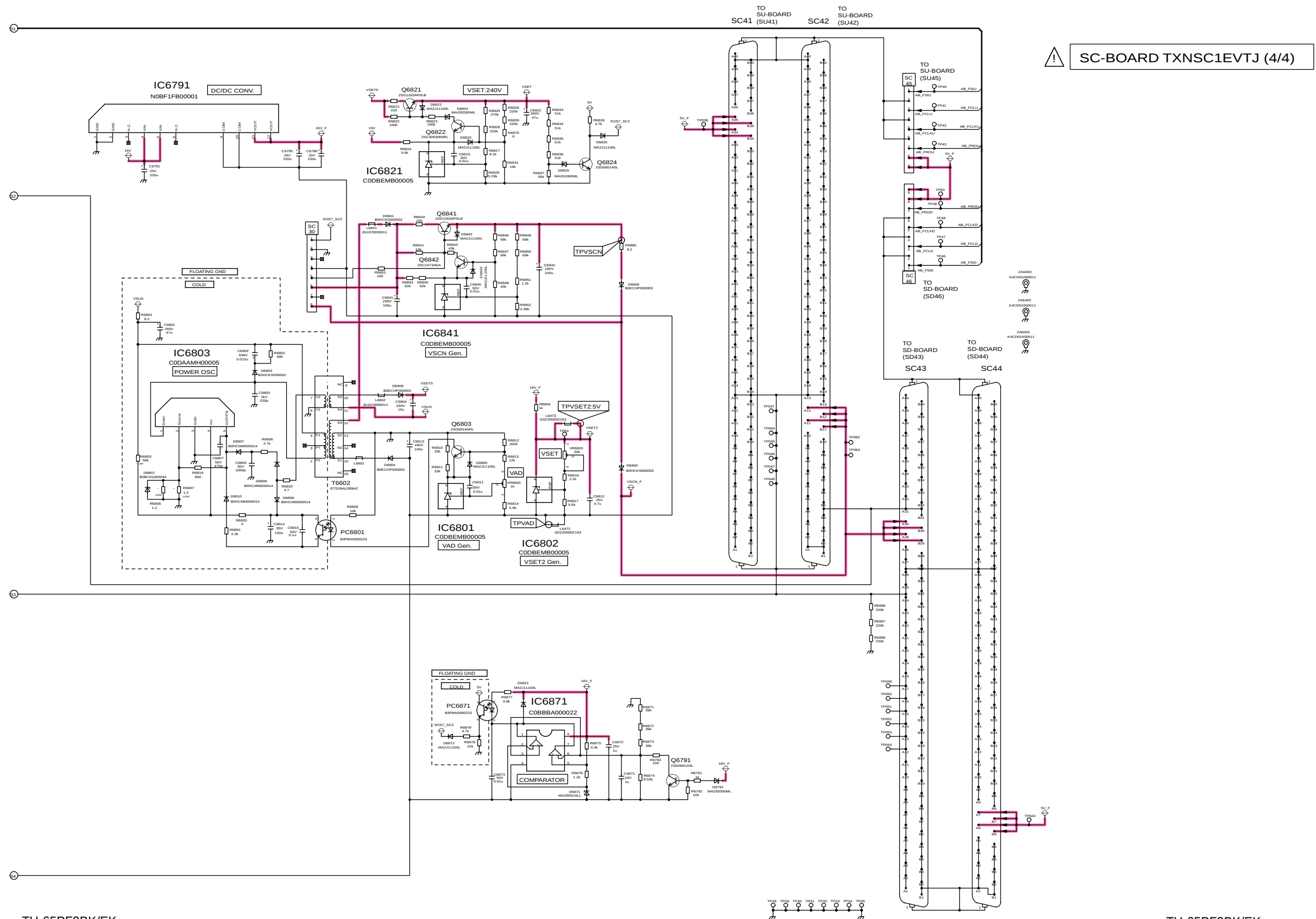
14.58. SC-Board (3 of 4) Schematic Diagram



TH-65PF9BK/EK
SC-Board (3 of 4) Schematic Diagram

TH-65PF9BK/EK
SC-Board (3 of 4) Schematic Diagram

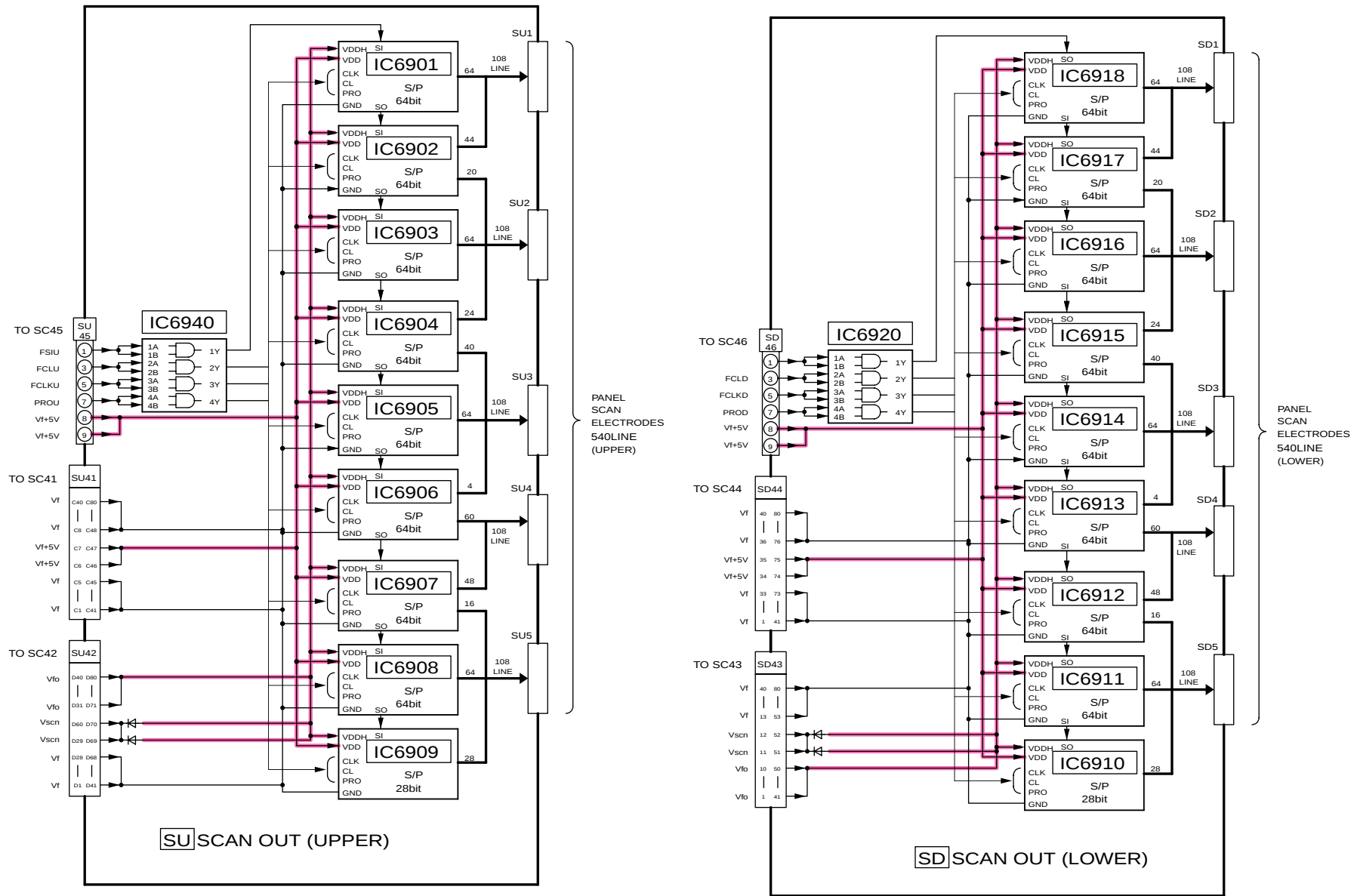
14.59. SC-Board (4 of 4) Schematic Diagram



TH-65PF9BK/EK
SC-Board (4 of 4) Schematic Diagram

TH-65PF9BK/EK
SC-Board (4 of 4) Schematic Diagram

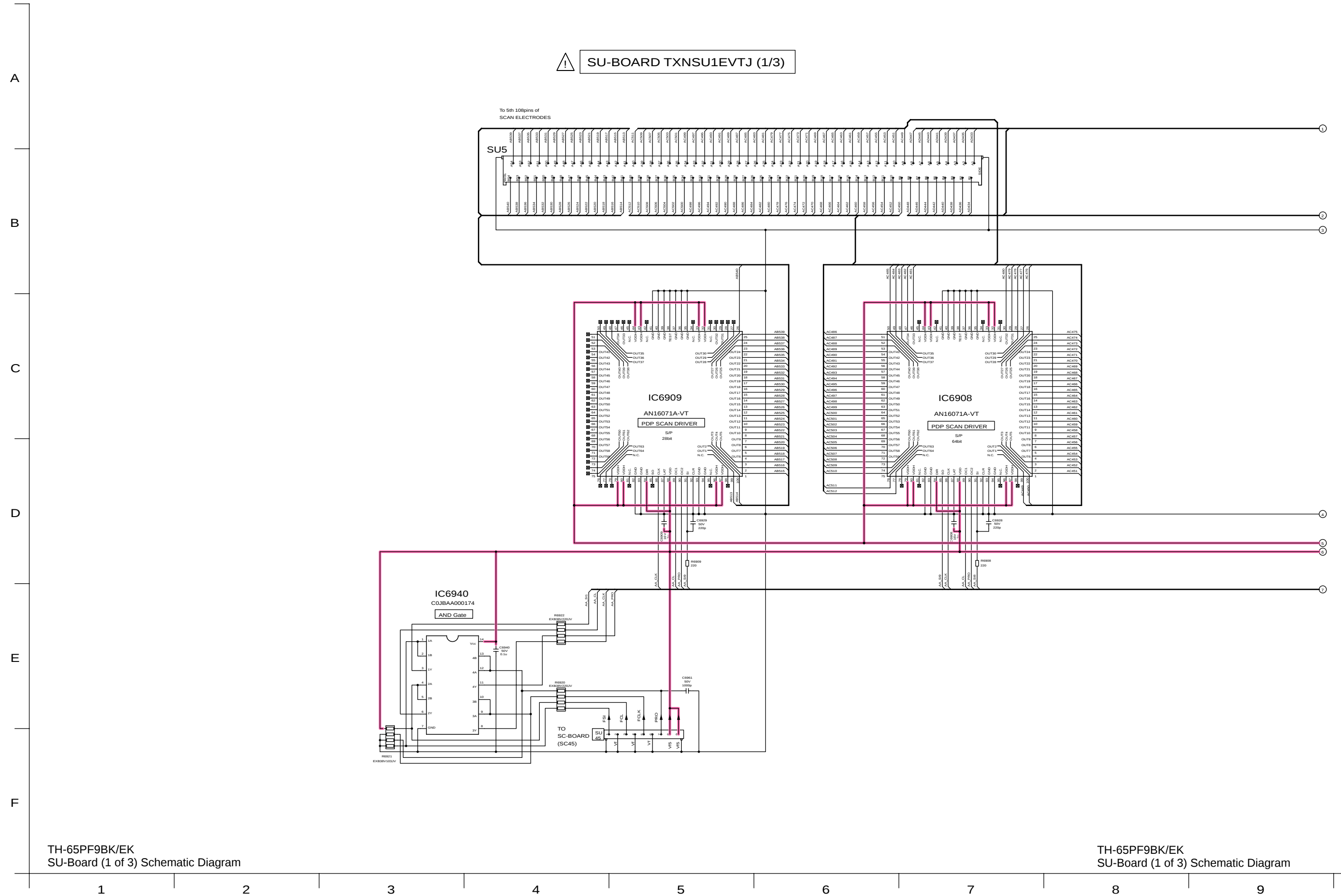
14.60. SU and SD-Board Block Diagram



TH-65PF9BK/EK
SU and SD-Board Block Diagram

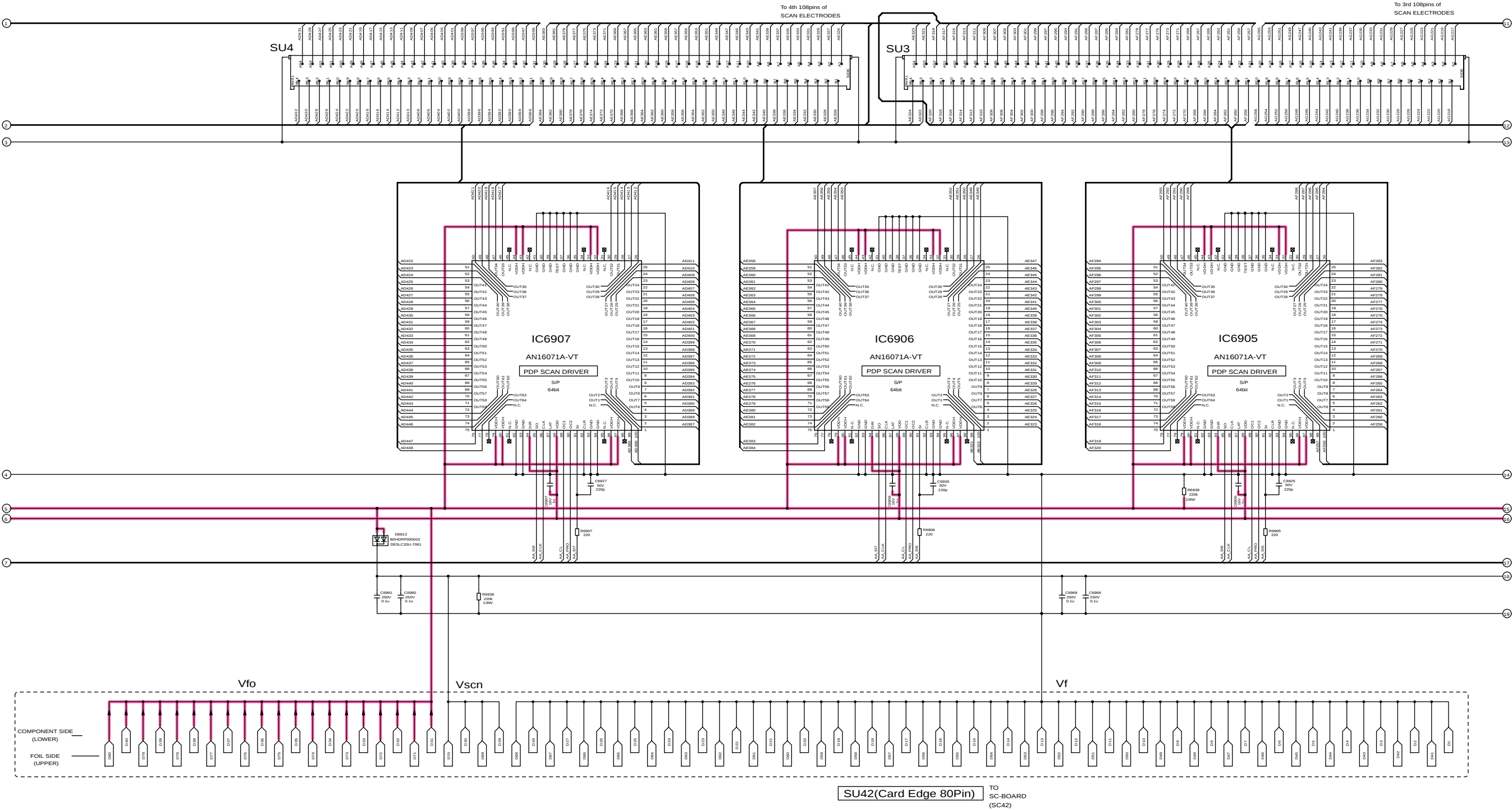
TH-65PF9BK/EK
SU and SD-Board Block Diagram

14.61. SU-Board (1 of 3) Schematic Diagram



14.62. SU-Board (2 of 3) Schematic Diagram

 SU-BOARD TXNSU1EVTJ (2/3)

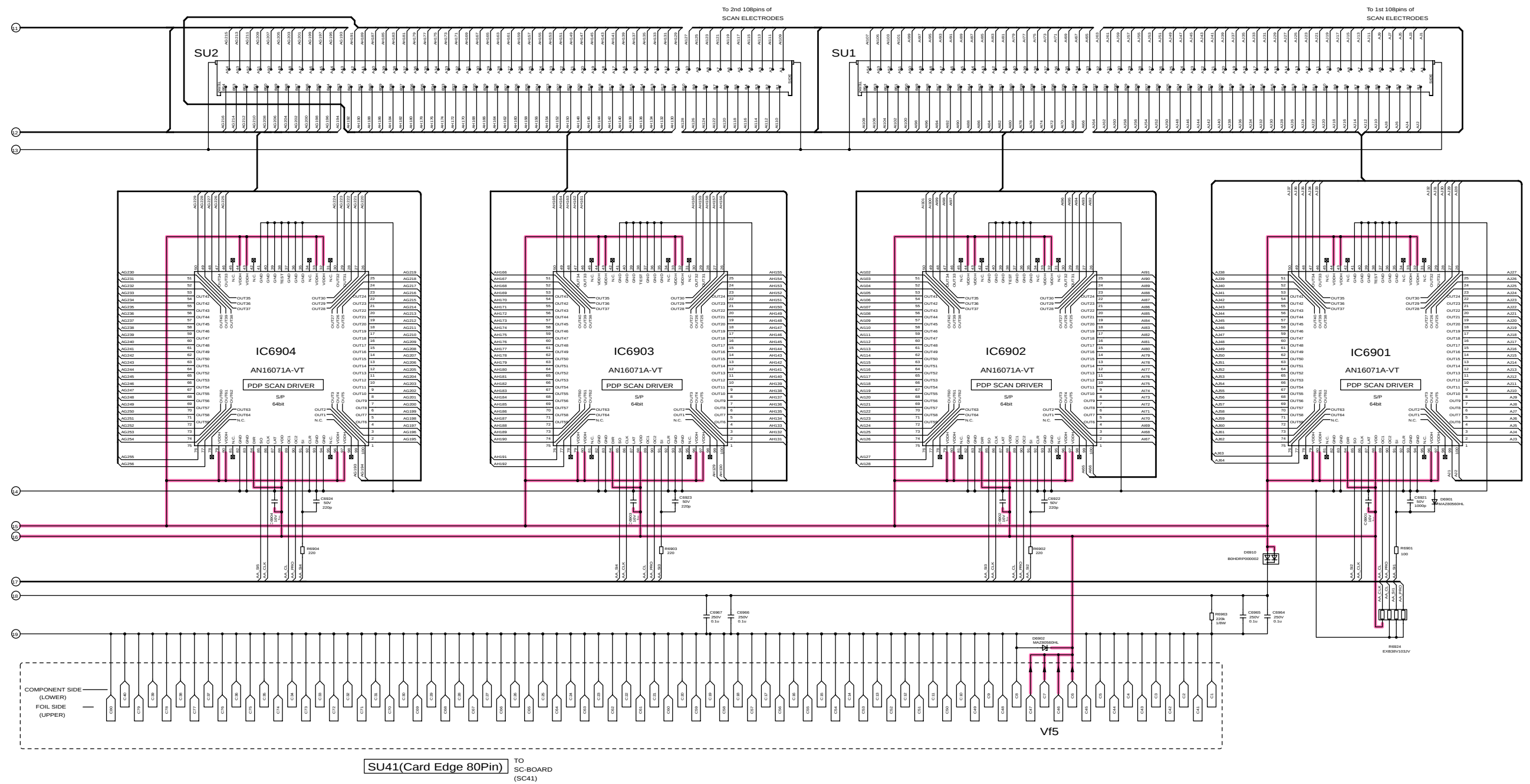


TH-65PF9BK/EK
SU-Board (2 of 3) Schematic Diagram

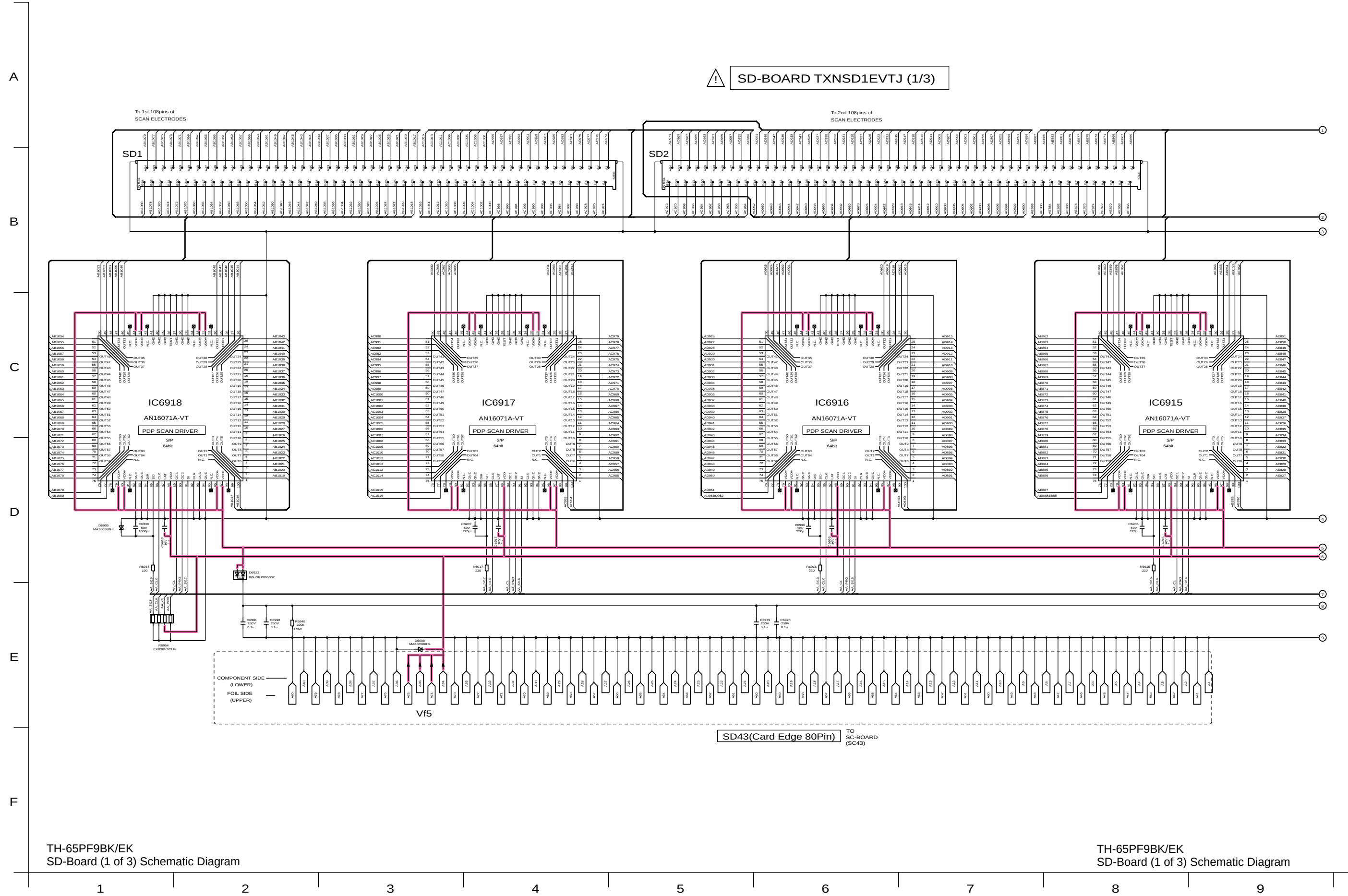
TH-65PF9BK/EK
SU-Board (2 of 3) Schematic Diagram

14.63. SU-Board (3 of 3) Schematic Diagram

! SU-BOARD TXNSU1EVTJ (3/3)

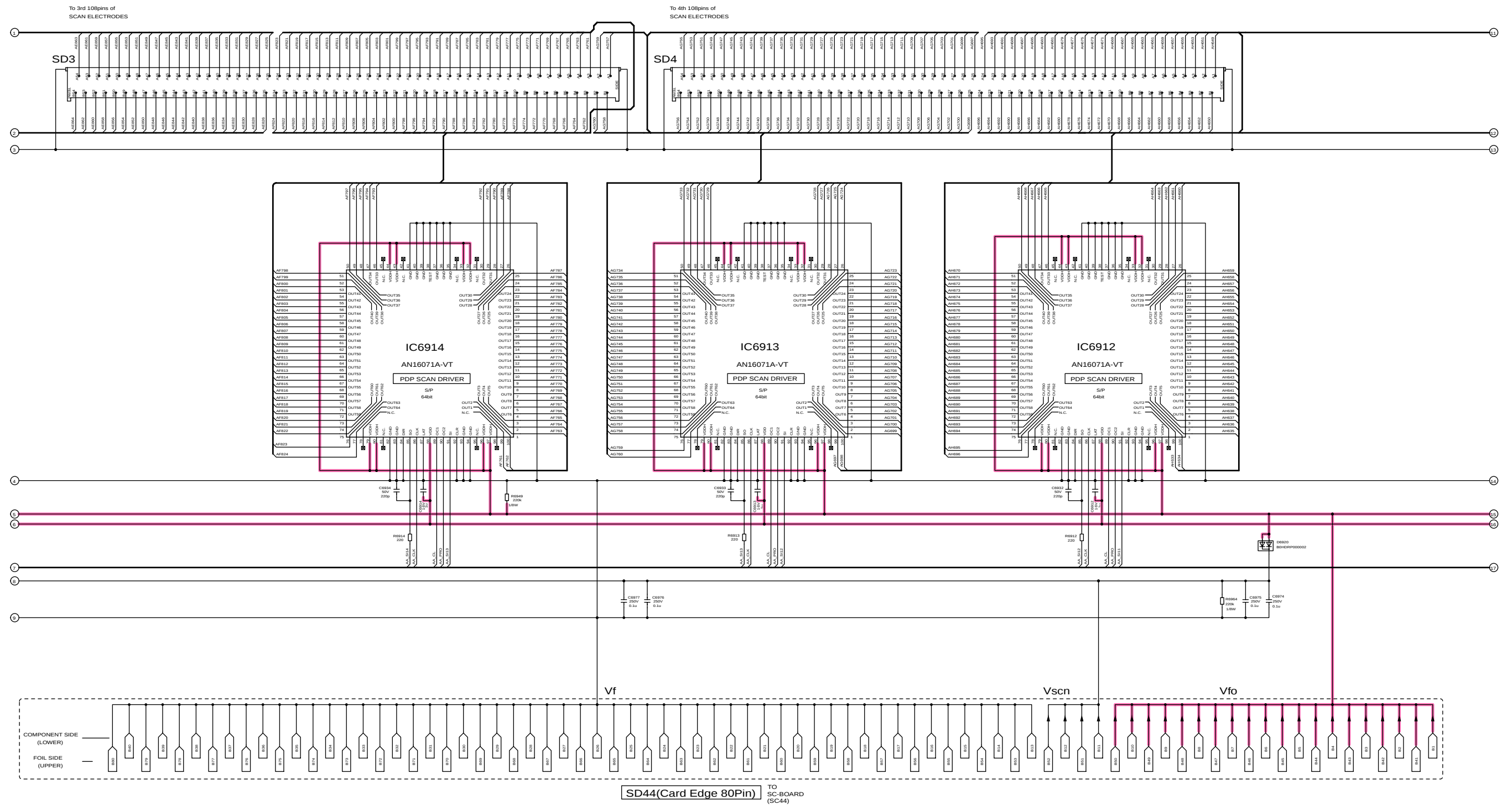


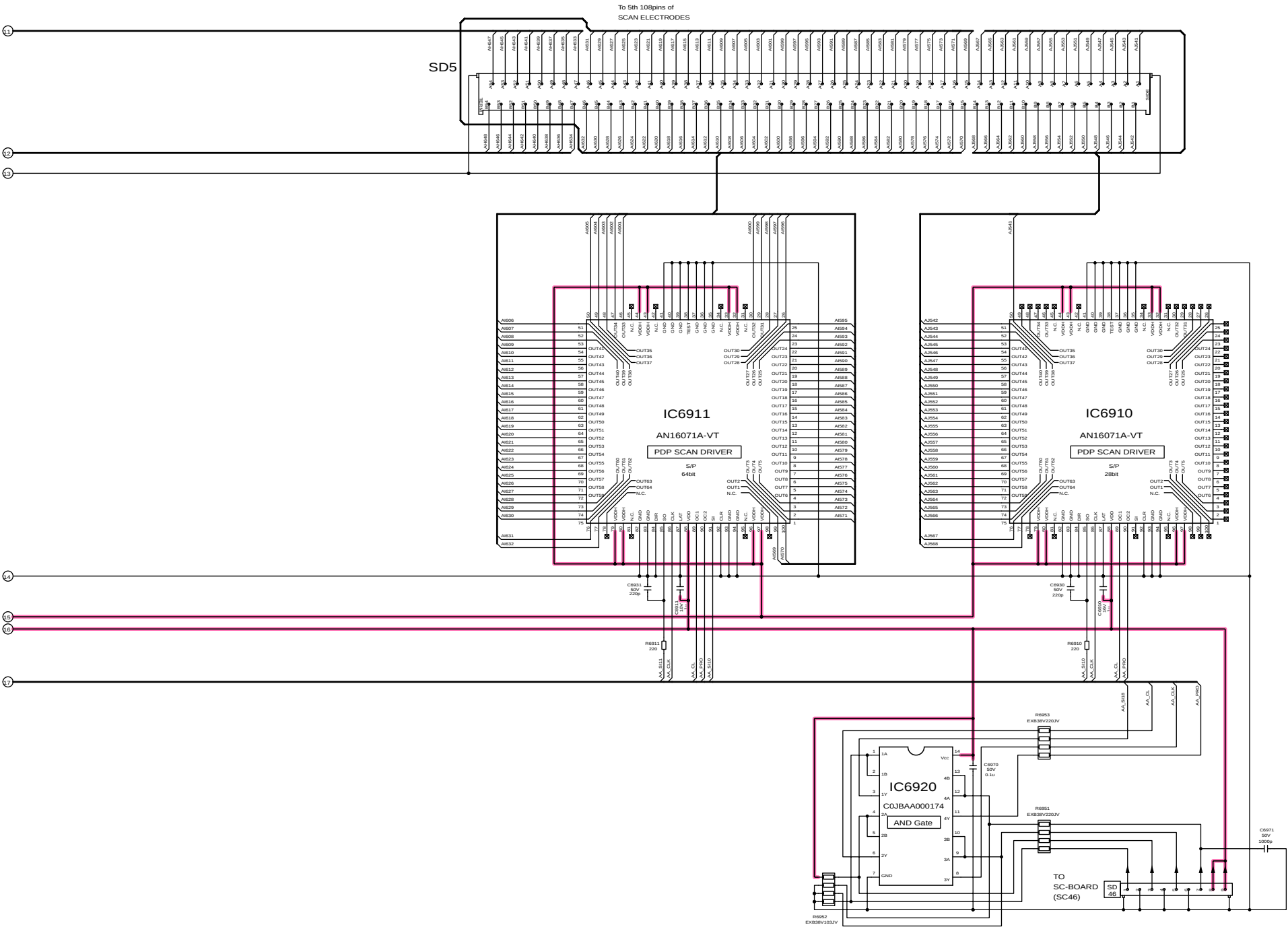
14.64. SD-Board (1 of 3) Schematic Diagram



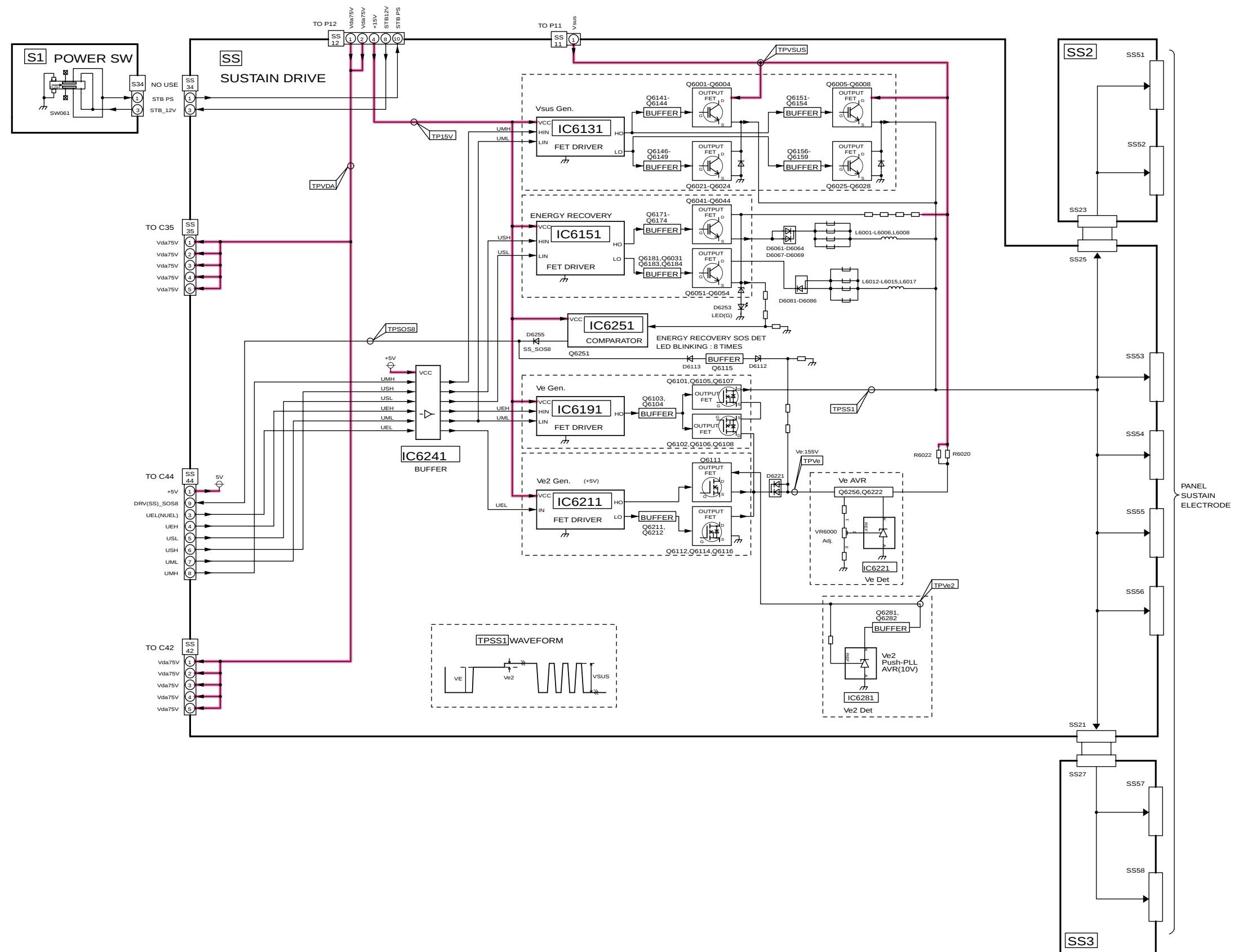
14.65. SD-Board (2 of 3) Schematic Diagram

! SD-BOARD TXNSD1EVTJ (2/3)

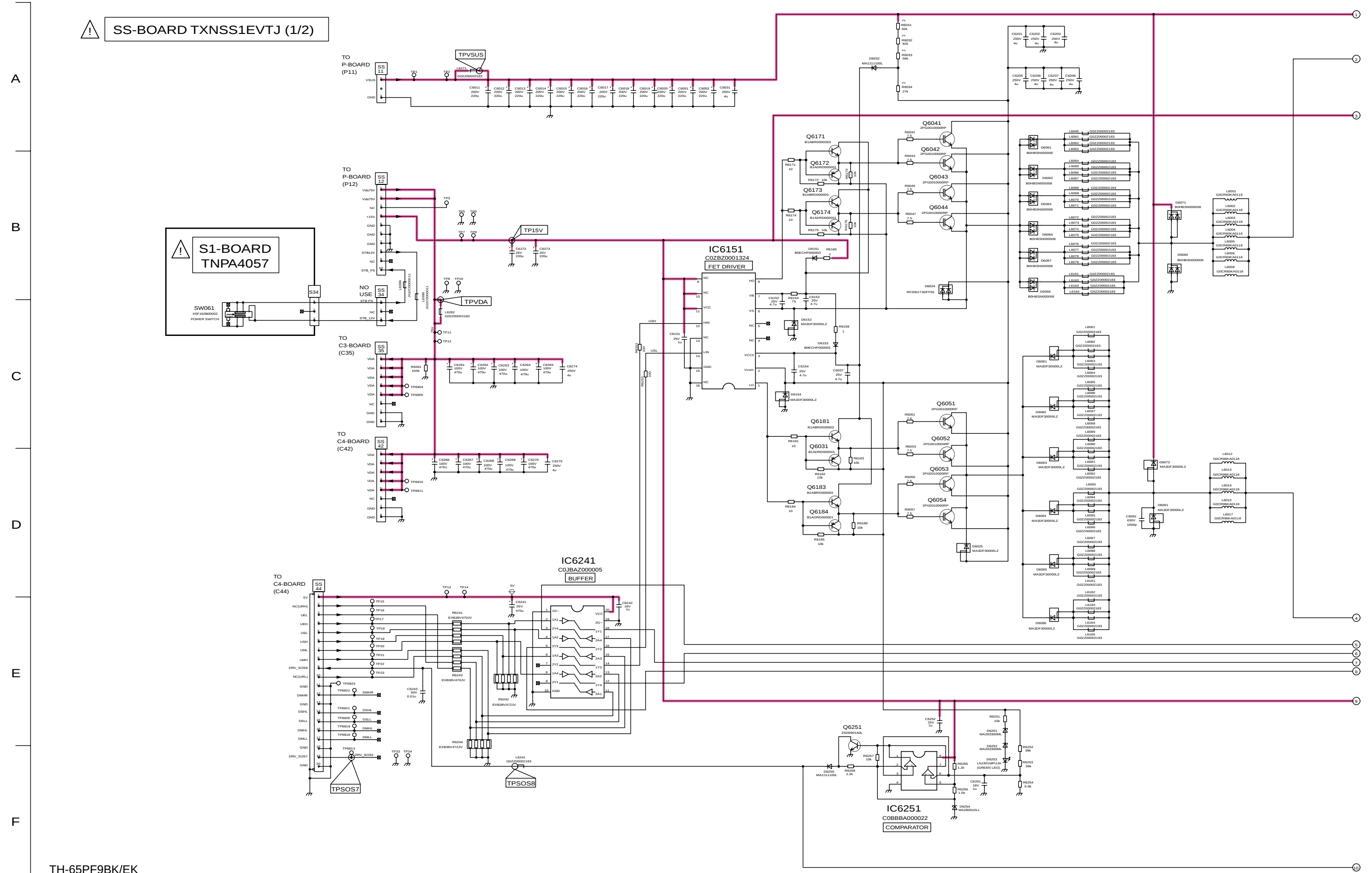
TH-65PF9BK/EK
SD-Board (2 of 3) Schematic DiagramTH-65PF9BK/EK
SD-Board (2 of 3) Schematic Diagram



14.67. SS, S1, SS2 and SS3-Board Block Diagram



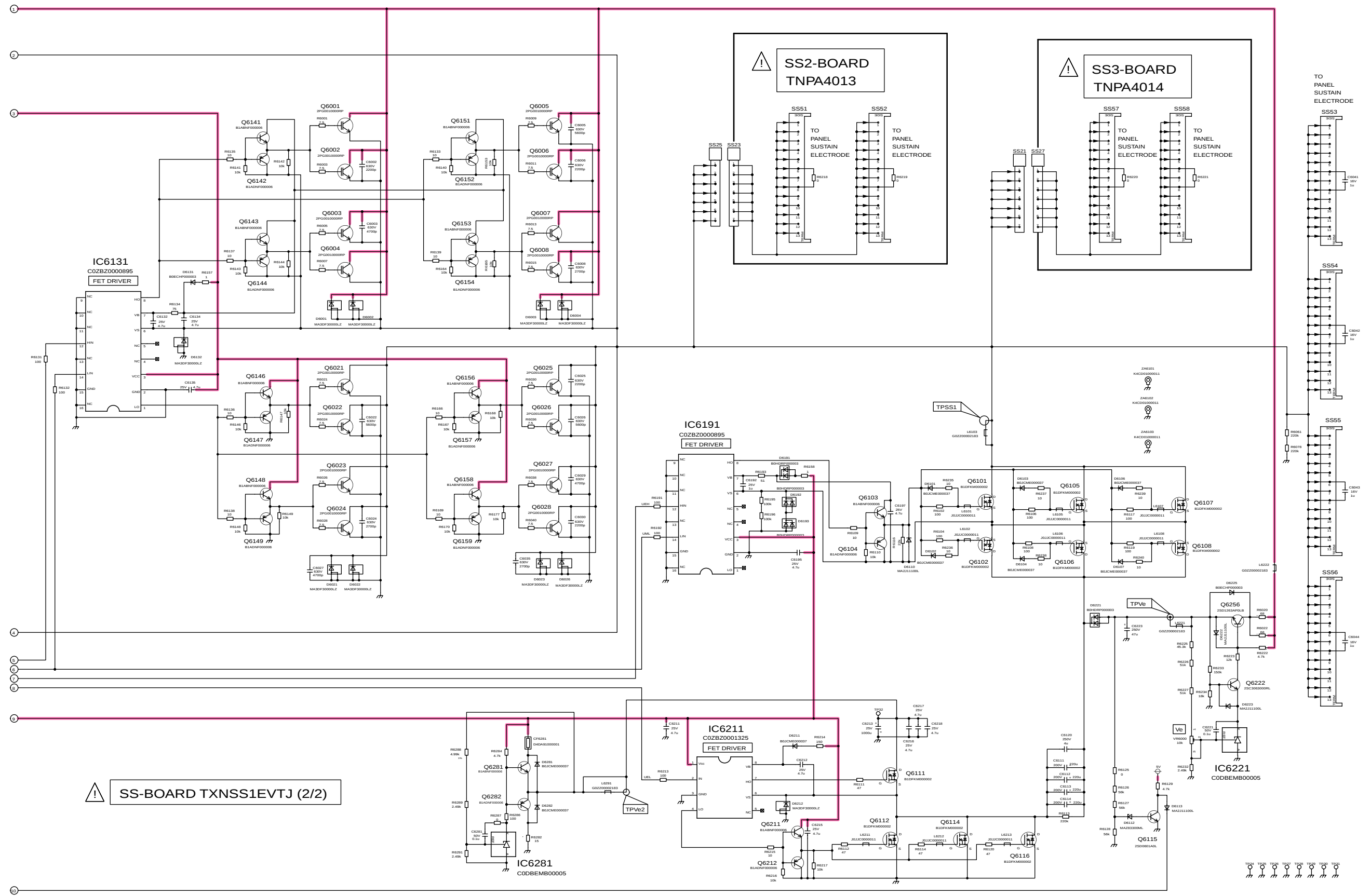
14.68. SS-Board (1 of 2) and S1-Board Schematic Diagram



TH-65PF9BK/EK SS-Board (1 of 2) and S1-Board Schematic Diagram

TH-65PF9BK/EK SS-Board (1 of 2) and S1-Board Schematic Diagram

14.69. SS-Board (2 of 2), SS2 and SS3-Board Schematic Diagram



TH-65PF9BK/EK SS-Board (2 of 2), SS2 and SS3-Board Schematic Diagram

TH-65PF9BK/EK SS-Board (2 of 2), SS2 and SS3-Board Schematic Diagram

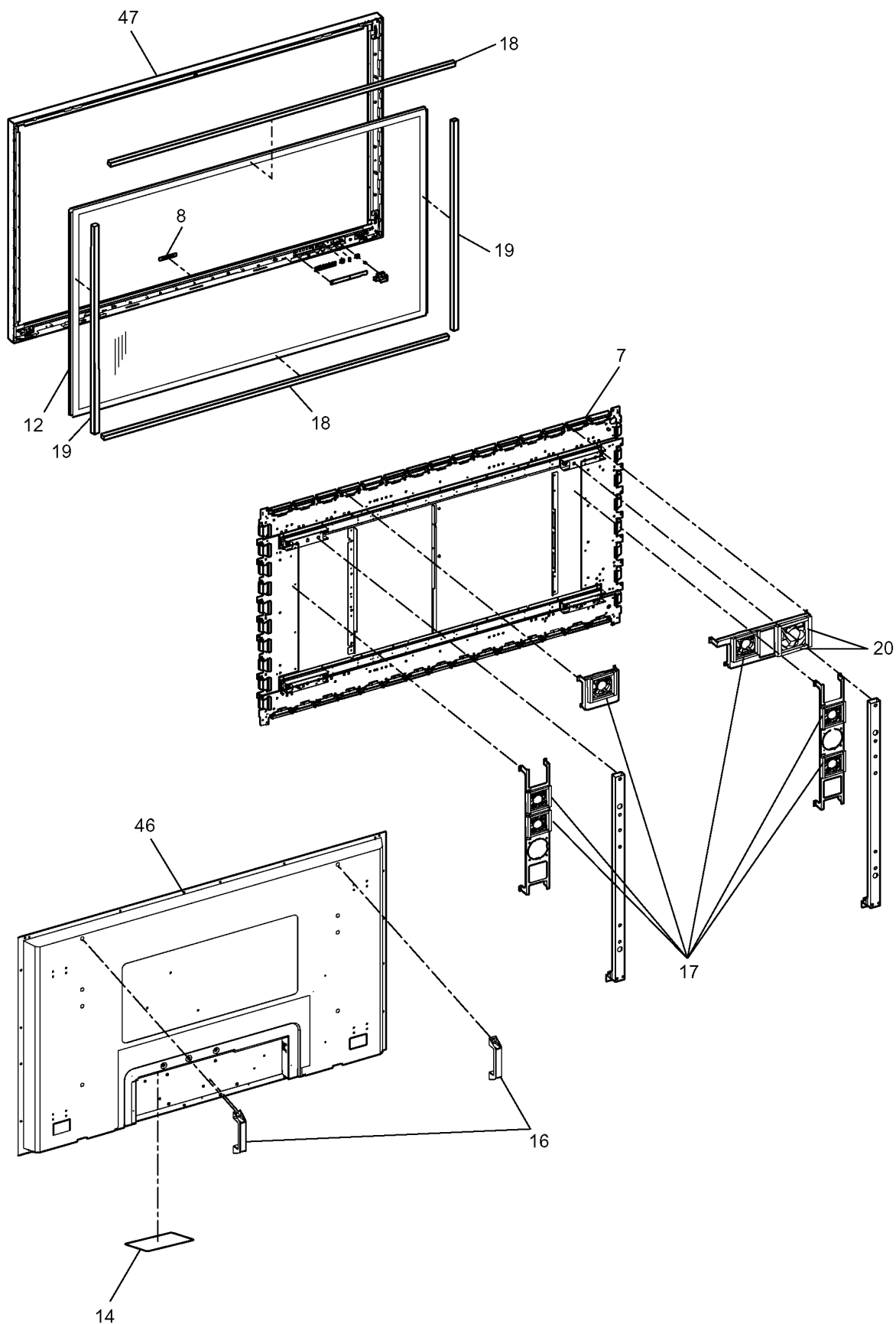
NOTE

[illegible]

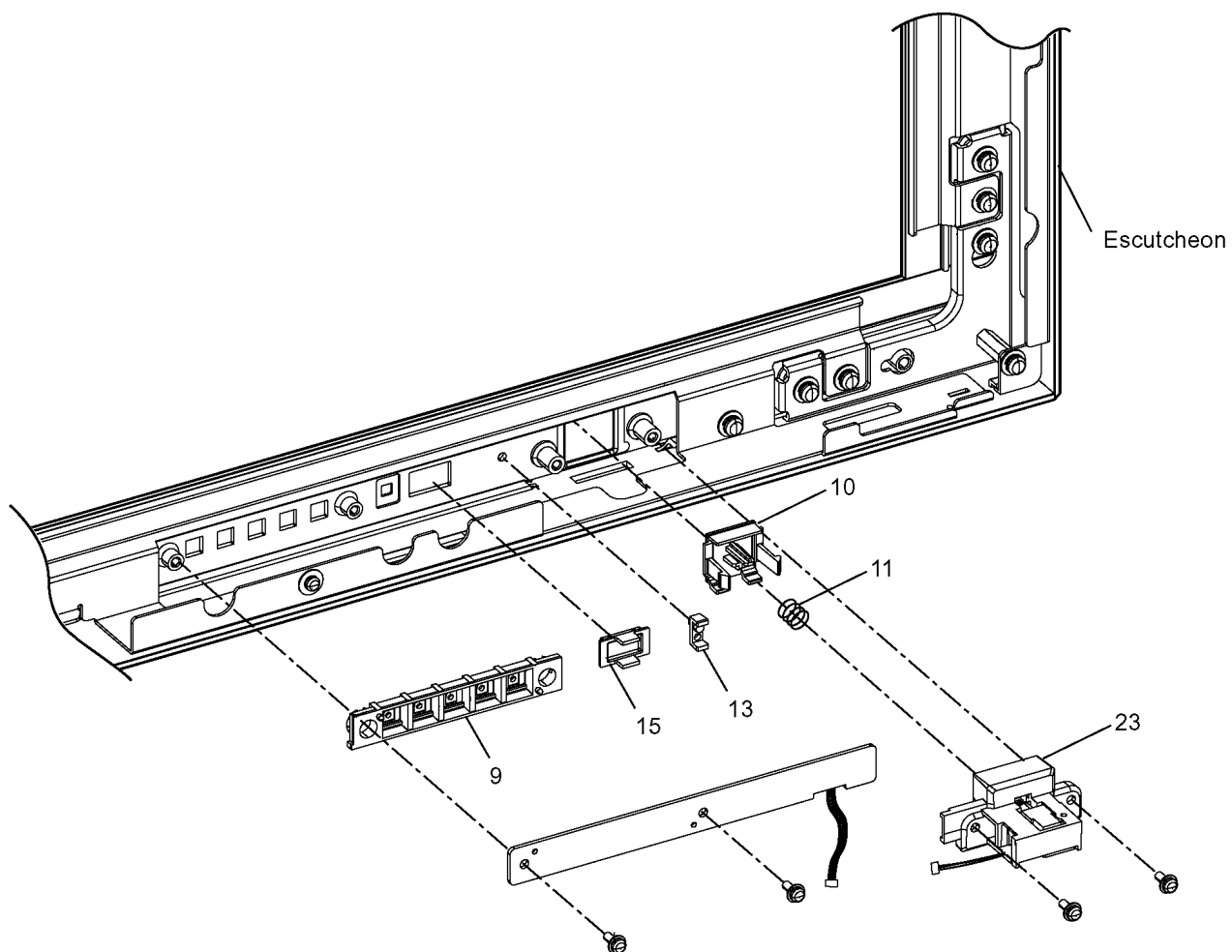
15 Parts Location

15.1. Exploded View

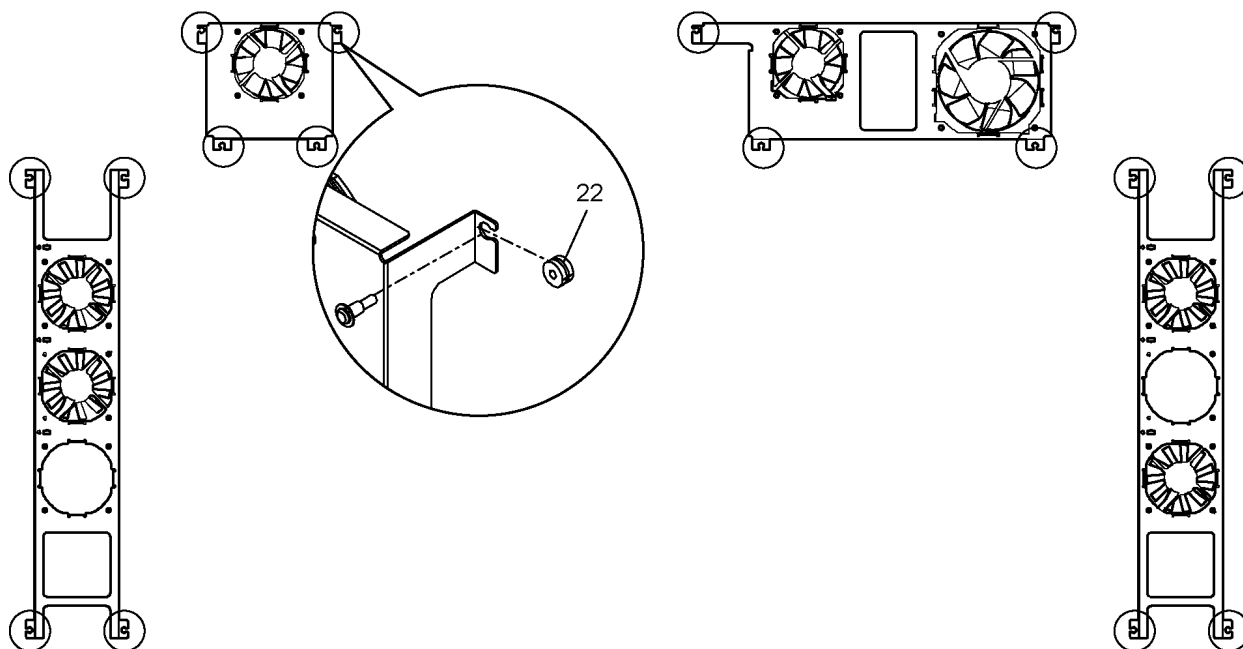
15.1.1. The main mechanical parts relation



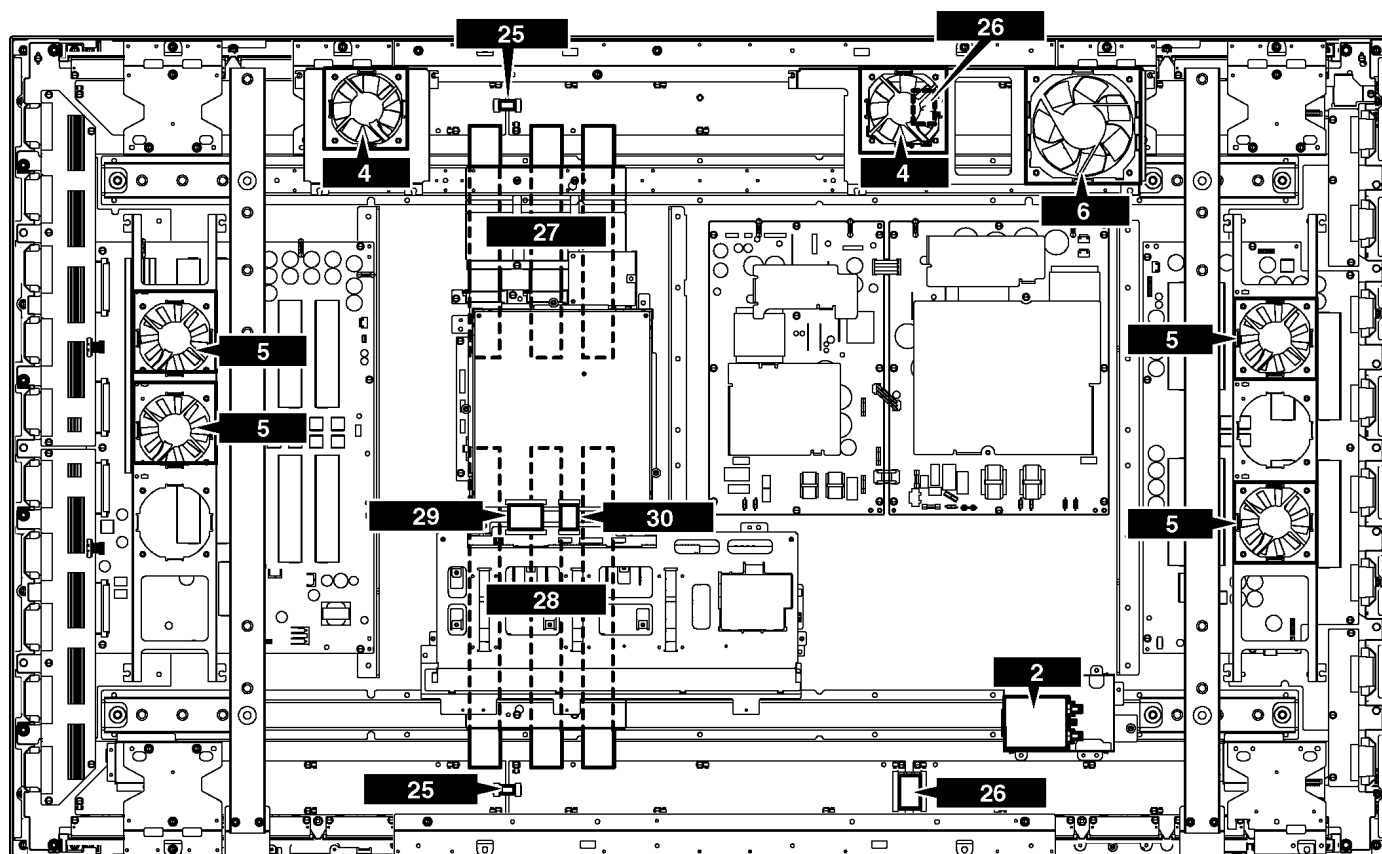
15.1.2. Escutcheon part location enlarged view



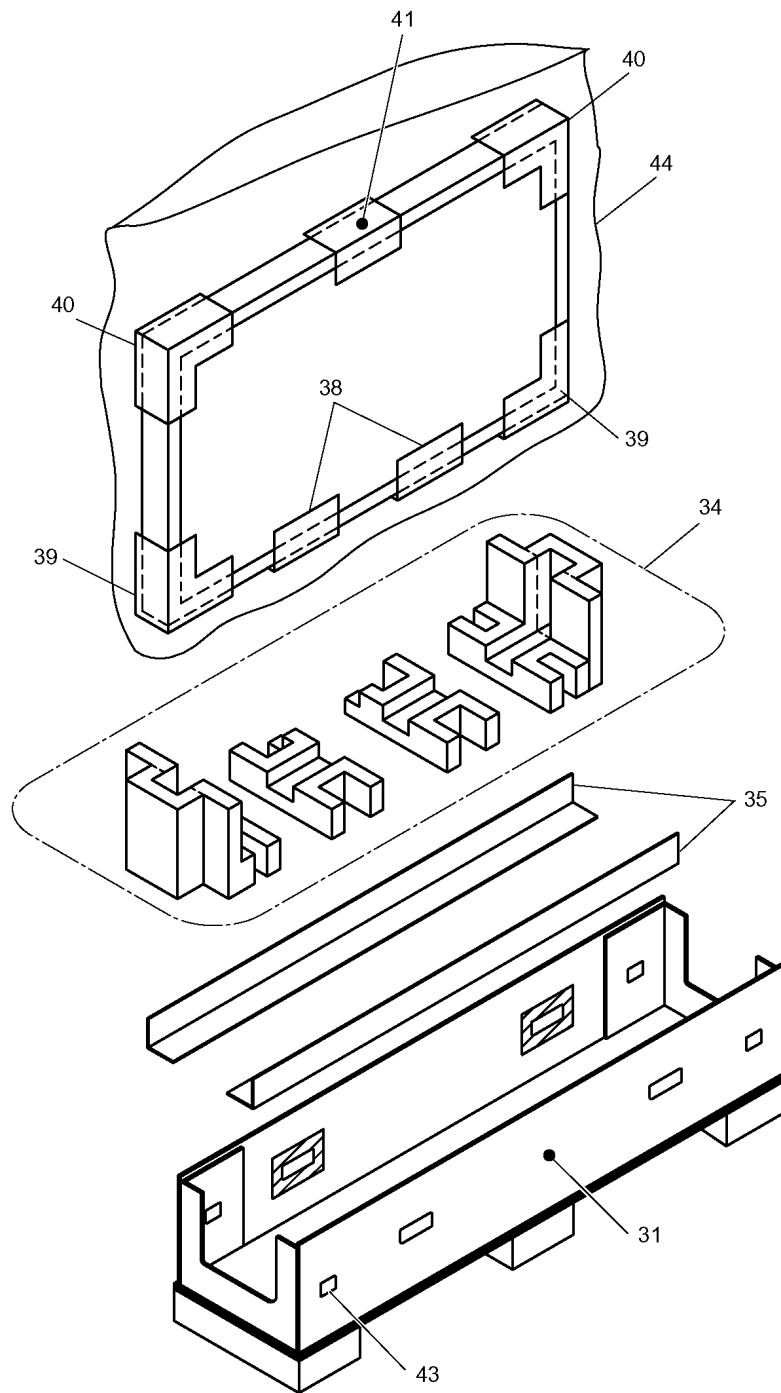
15.1.3. Fan part location enlarged view

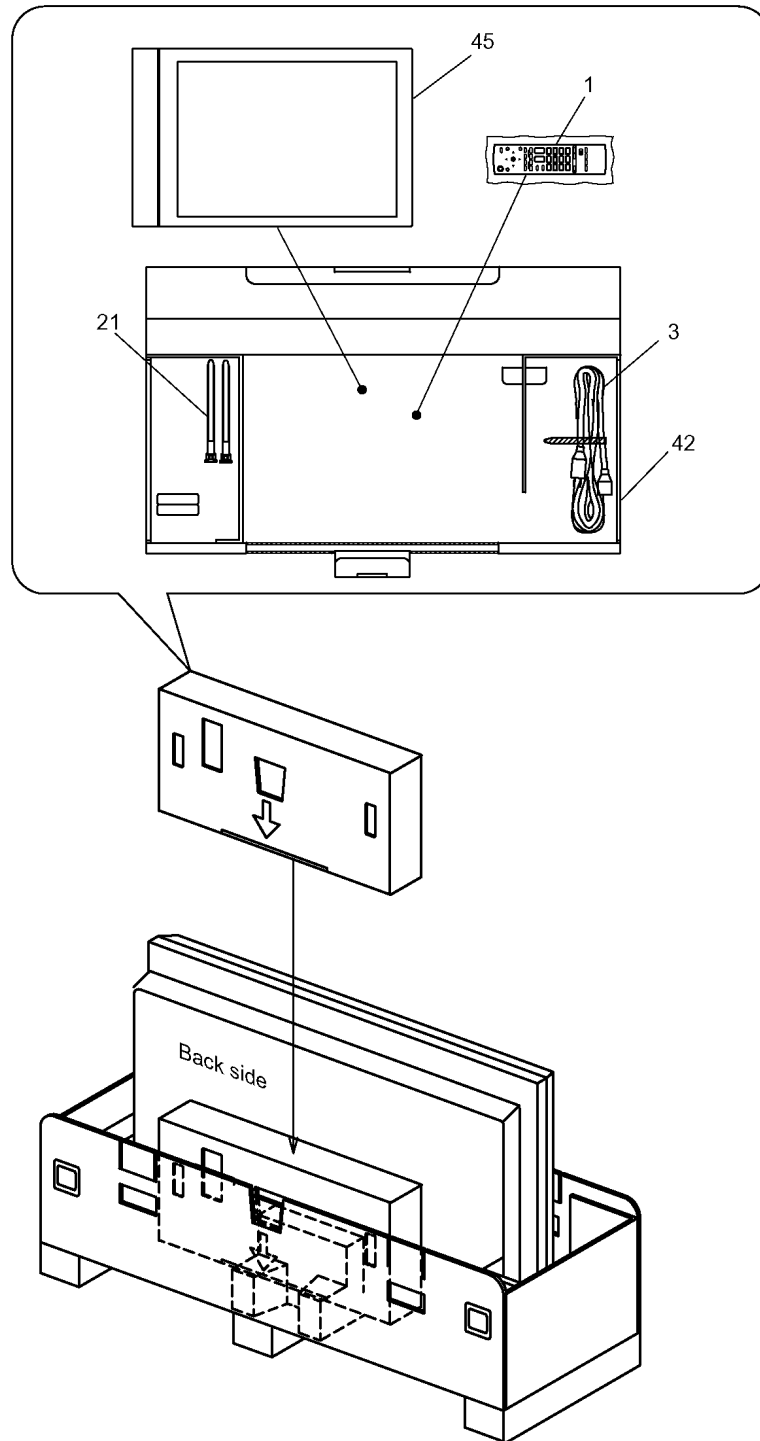


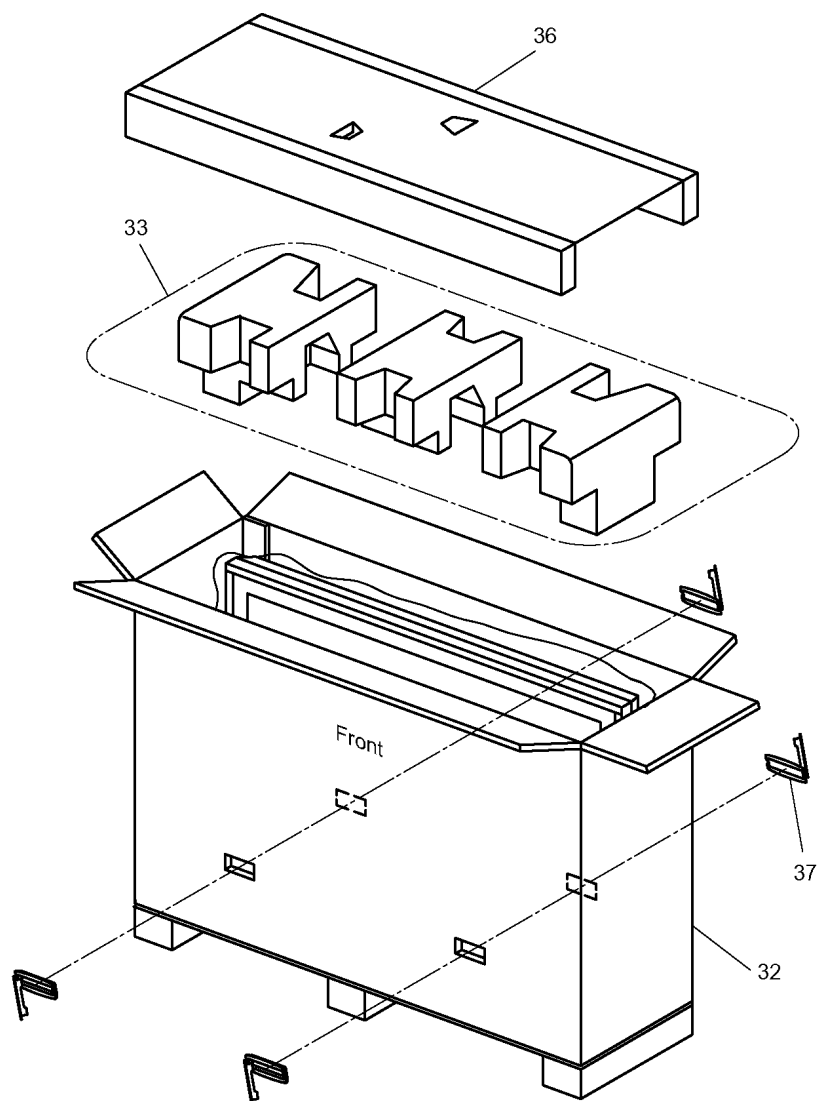
15.2. Cable relation



15.3. Packing summary







16 Mechanical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	EUR7636090R	REMOTE CONTROL	1	
	J0KD00000096	FERRITE CORE	9	
	J0KG00000011	FERRITE CORE	1	
	J0KG00000052	FERRITE CORE	2	
2	K2AHYH000009	AC INLET	1	△
3	K2CT3DH00025	AC CORD (B/H)	1	BK △
3	K2CN3DH00006	AC CORD	1	EK △
4	L6FALEFH0041	FAN (80MM)	2	
5	L6FAYYYH0025	FAN	4	
6	L6FAYYYH0026	FAN	1	
7	MD65F09A1J	PLASMA DISPLAY PANEL	1	△
8	TBMA208	PANASONIC BADGE	1	
9	TBXA38902	HINDGE BUTTON	1	
10	TBXA44801A	POWER BUTTON	1	
11	TESD031	SPRING	1	
12	TKGA5311	FRONT GLASS	1	PAVCCZ
13	TKKC5105	LED PANEL	1	
14	TKKL5266	COVER	1	
15	TKPA60301	REMOCON RECEIVE PANEL	1	
16	TKRA45301	HANDLE	2	
17	TMKG469-1	SPONGE (FAN)	6	
18	TMKG572	CUSHION (TOP /BOTTOM)	2	
19	TMKG573	CUSHION (RGHIT/LEFT)	2	
	TMKG630	SPONGE (20X25XT25)	2	
20	TMKG656	FAN SPONGE	2	
	TMM17499	CLAMPER	1	
	TMM25401	CLAMPER	3	
	TMM6463-1	CLAMPER	2	
	TMM7464-2	CLAMPER	1	
	TMM7468-1	CLAMPER	1	
	TMME002	CLAMPER	1	
	TMME047	CLAMPER	1	
	TMME061	CLAMPER	3	
	TMME088	CLAMPER	3	
	TMME152	CLAMPER	5	
	TMME185	CLAMPER	2	
21	TMME187	CLAMPER	2	
	TMME189	CLAMPER	2	
	TMME190	CLAMPER	3	
	TMME199	CLAMPER	3	
	TMME226	AC CORD CLAMPER	2	
	TMME228	CLAMPER	2	
22	TMMJ068	RUBBER (FAN)	16	
	TMX095	BRACKET	2	
23	TMWC016	P BUTTON BRACKET	1	
25	TSXL519	CABLE (C11-C22/C52-C61)	2	
26	TSXL555	CABLE (C21-C31/C41-C51)	2	
27	TSXL564	CABLE (D31-C10/D32-C24/D33)	3	
28	TXASX01YPTJ	CABLE (D34-C55/D35-C54/D36)	3	PAVCCZ
29	TSXL584	CABLE (DN6-DS5)	1	
30	TSXL585	CABLE (DN1-DS1)	1	
31	TPC0E64501	CARTON BOX BOTTOM	1	PAVCCZ △
32	TPC0E67704	CARTON BOX TOP	1	PAVCCZ △
33	TPD0E0122	CUSHION TOP	1	PAVCCZ
34	TPD0E0123	CUSHION BOTTOM	1	PAVCCZ
35	TPD0E9037	L TYPE REINFORCEMENT B	2	PAVCCZ
36	TPDF1306	UPPER PAD	1	
37	TPD169487	JOINT BIG	4	
38	TPDA1038	ESC CUSHION (BOTTOM)	2	
39	TPDA1153	ESC CUSHION (CONER LOWER)	4	
40	TPDA1154	CUSHION (CENTER UPPER)	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
41	TPD0E9038	L PAD TOP	1	PAVCCZ
42	TPDF1197	ACCESSORIES BOX	1	
43	TPDX0007	JOINT SMALL	4	
44	TPEH246	PROTECT COVER	1	
45	TQB0E0315	INSTRUCTION BOOK (ENGLISH)	1	BK PAVCCZ △
	TQB0E0320A	INSTRUCTION BOOK (GERMAN)	1	EK PAVCCZ △
	TQB0E0320B	INSTRUCTION BOOK (DUTCH)	1	EK PAVCCZ △
	TQB0E0320C	INSTRUCTION BOOK (ITALAN)	1	EK PAVCCZ △
	TQB0E0320D	INSTRUCTION BOOK (FRENCH)	1	EK PAVCCZ △
	TQB0E0320E	INSTRUCTION BOOK (SPANISH)	1	EK PAVCCZ △
	TQB0E0320F	INSTRUCTION BOOK (SWEDISH)	1	EK PAVCCZ △
	TQB0E0320K	INSTRUCTION BOOK (DANISH)	1	EK PAVCCZ △
	TQB0E0320U	INSTRUCTION BOOK (ENGLISH)	1	EK PAVCCZ △
46	TTUA1498	REAR COVER	1	BK PAVCCZ △
	TTUA1497	REAR COVER	1	EK PAVCCZ △
47	TXFKE01YPTJ	ESCUTCHEON ASSY	1	△
	TXJSPLYPTJ	SPEAKER LEAD (LEFT)	1	
	TXJSPTYPTJ	SPEAKER LEAD (RIGHT)	1	
	XZBT6530	POLY BAG	1	
	THEA068N	SCREW	6	
	THEA130N	SCREW (SPACER)	4	
	THEL0239	SCREW	12	
	THEL027N	SCREW	12	
	THEL0429	SCREW	15	
	THTD011J	SCREW	3	
	THTD013N	SCREW	16	
	THTF011N	SCREW	60	
	XTB4+8JFJ	SCREW 4*8MM	52	
	XTS3+10JFJ	SCREW	3	
	XTW3+8TFJ	SCREW	6	
	XYN3+F8FJ	SCREW	19	
	XYN3+J12FJ	SCREW	101	
	XYN4+E8FJ	SCREW	1	
	XYN4+F10FJ	SCREW	87	
	XYN4+F20FJ	SCREW	16	
	XYN4+F32FJ	SCREW	4	
	XYN4+F38FJK	SCREW	12	
	XYN5+F12FJ	SCREW	16	
	XYN8+F20FJK	SCREW	20	
	XYN8+F30FJK	SCREW	4	

17 Replacement Parts List

17.1. Replacement Parts List Notes

Important Safety Notice

*Components identified by $\triangle$ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.*

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item.

After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 $\underline{C}$ 100KOHM, $\underline{J}$ 1/4W
Type Allowance

2. Capacitor

Example:

ECKF1H103ZF $\underline{C}$ 0.01UF, $\underline{Z}$ 50V
Type Allowance

Type	Allowance
C : Carbon	F : $\pm 1\%$
F : Fuse	G : $\pm 2\%$
M : Metal Oxide	J : $\pm 5\%$
Metal Film	K : $\pm 10\%$
S : Solid	M : $\pm 20\%$
W : Wire Wound	

Type	Allowance
C : Ceramic	C : $\pm 0.25\text{pF}$
E : Electrolytic	D : $\pm 0.5\text{pF}$
P : Polyester	F : $\pm 1\text{pF}$
Polyprop	G : $\pm 3\text{pF}$
lene	J : $\pm 5\text{pF}$
T : Tantalum	K : $\pm 10\text{pF}$
	L : $\pm 15\text{pF}$
	M : $\pm 20\text{pF}$
	P : +100%, -0%
	Z : +80%, -20%

17.2. Electrical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
F201	HU216005BP	CARTRIDGE FUSE	1	△
F301	HU216005BP	CARTRIDGE FUSE	1	△
F501	HU216002BP	CARTRIDGE FUSE	1	△
F1601.1 602	K5D103BMA001	TIME LAG FUSE HIGH	2	△
F1701.1 702	K5D502BNA007	AC FUSE	2	△
A1601, 0 2	RA362MSV7	ARRESTOR	2	△
C002	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C10	K1MN68BA0076	68P CONNECTOR	1	
C11	K1MN20BA0231	20P CONNECTOR	1	
C21	K1MN80BA0076	80P CONNECTOR	1	
C22	K1MN20BA0231	20P CONNECTOR	1	
C31	K1MN80BA0076	80P CONNECTOR	1	
C35	K1KA08AA0150	8P CONNECTOR	1	
C41	K1MN80BA0076	80P CONNECTOR	1	
C42	K1KA08AA0150	8P CONNECTOR	1	
C44	K1KA20AA0009	20P CONNECTOR	1	
C51	K1MN80BA0076	80P CONNECTOR	1	
C52	K1MN20BA0231	20P CONNECTOR	1	
C60	K1MN68BA0076	68P CONNECTOR	1	
C61	K1MN20BA0231	20P CONNECTOR	1	
C201	KZE1E470	C 470U 25V	1	
C212	ECWH12333HV	PLASTIC FILM CAPACITOR	1	
C213, 14	KZE1E470	C 470U 25V	2	
C215	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C216	KZE1H101	C 100UF 50V	1	
C203, 04	RR3DD101K	CERAMIC CAPACITOR	2	
C205	ECWH12473HV	PLASTIC FILM CAPACITOR	1	
C251-54	KMQ220821K	ELECTROLYTIC CAPACITOR	4	
C255, 56	ECQE6223KF	P 0.022UF, K, 400V	2	
C257	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C301	KZE1E101	C 100UF 25V	1	
C305	ECWH12333HV	PLASTIC FILM CAPACITOR	1	
C351, 52	KZE1E182S	C 1800UF 25V	2	
C354, 55	TBB475K1	CERAMIC CHIP CAPACITOR	2	
C356	KZE1E821L	C 8200UF 25V	1	
C357	ECJ1XB1H104K	C 10PF, J, 50V	1	
C358	KZE1E101	C 100UF 25V	1	
C359	ECJ1XB1H104K	C 10PF, J, 50V	1	
C360	KZE1E101	C 100UF 25V	1	
C361	ECJ1XB1H104K	C 10PF, J, 50V	1	
C363	KZE1E821L	C 8200UF 25V	1	
C364	ECJ1XB1H104K	C 10PF, J, 50V	1	
C365	KZE2A270	C 27UF 100V	1	
C366	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C401	TAB104K2E	CERAMIC CHIP CAPACITOR	1	
C405	TAB104K2E	CERAMIC CHIP CAPACITOR	1	
C412	TBB104K2	CERAMIC CHIP CAPACITOR	1	
C413, 14	KZE2A471S	C 470UF 100V	2	
C415	KZE1H221	ELECTROLYTIC CAPACITOR	1	
C501	ECQU2A473ML	P 0.047UF, M, 250V	1	△
C502, 03	ECJ2FB1H104K	C 0.1UF, K, 50V	2	
C504, 05	KZE1E470	C 470U 25V	2	
C506	KMQ2W560	ELECTROLYTIC CAPACITOR	1	
C507	KZE1H101	C 100UF 50V	1	
C508	MBB474K1	CERAMIC CHIP CAPACITOR	1	
C509	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C510	KZE1H101	C 100UF 50V	1	
C514	KZE1E470	C 470U 25V	1	
C54, 55	K1MN68BA0076	68P CONNECTOR	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C551	ECKENA101KBR	C 100P 250V	1	△
C555	TBB474K2	CERAMIC CHIP CAPACITOR	1	
C556	KZE1E101	C 100UF 25V	1	
C557	TBB475K1	CERAMIC CHIP CAPACITOR	1	
C558	KZE1E101	C 100UF 25V	1	
C559-61	ECJ1XB1H104K	C 10PF, J, 50V	3	
C801	F2H1V221A004	E 220UF, 35V	1	
C802	F2H1E471A010	E 470UF, 25V	1	
C804	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C805, 06	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C807	ECJ3YF1E225Z	C 2.2UF, Z, 25V	1	
C808	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C809	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C811	EEVHB1C471	E 470UF, 16V	1	
C812	F2H1E471A010	E 470UF, 25V	1	
C814	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C815, 16	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C817	ECJ3YF1E225Z	C 2.2UF, Z, 25V	1	
C818	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C819	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C821	EEVHB1C471	E 470UF, 16V	1	
C822	F2H1E471A010	E 470UF, 25V	1	
C823	ECJ1XC1H470J	C 47PF, J, 50V	1	
C824	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C825	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C827	ECJ3YF1E225Z	C 2.2UF, Z, 25V	1	
C828	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C829	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C831	EEVHB1C470P	C 47PF, J, 16V	1	
C832	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C833	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C834, 35	EEVHB1C470P	C 47PF, J, 16V	2	
C837	F1J0J1060004	C 0.010UF, K, 16V	1	
C838	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C839	F1J0J1060004	C 0.010UF, K, 16V	1	
C840	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C841	F1J0J1060004	C 0.010UF, K, 16V	1	
C843	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C844	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C845	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C846	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C847	F1J0J1060004	C 0.010UF, K, 16V	1	
C848	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C850	ECQB1H104JF	P 0.1UF, J, 50V	1	
C852	ECA1EM471	E 470UF, 25V	1	
C854	EEUFC1C471	E 470UF, 16V	1	
C855-57	ECJ1VB1H103K	C 0.001UF, K, 50V	3	
C867	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C869	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C1530	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C1601	ECQU2A105ML	P 1UF, 250V	1	△
C1602-05	ECKENA101KBR	C 100P 250V	4	△
C1608	ECQU2A224ML	P 0.22UF, 250V	1	△
C1613, 1 4	MMXC2W474K	PLASTIC FILM CAPACITOR	2	
C1619	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C1620	ECQE6103KF	P 0.01UF, J, 630V	1	
C1621	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C1622	KZE1E101	C 100UF 25V	1	
C1623	ECQE6104RKF	PLASTIC FILM CAPACITOR	1	
C1624	ECKENA101KBR	C 100P 250V	1	△
C1625-28	KMQ2W221KZ	ELECTROLYTIC CAPACITOR	4	
C1629	ECJ2FB1E224K	C 22UF, K, 25V	1	
C1630	KZE1E470	C 470U 25V	1	
C1701	ECQU2A105ML	P 1UF, 250V	1	△
C1702	ECQU2A474ML	PLASTIC FILM CAPACITOR	1	△

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C1706,07	MMXC2W105K	C 1P 450V	2	
C1712	KZE1E101	C 100UF 25V	1	
C1714	KMQ2W221KZ	ELECTROLYTIC CAPACITOR	1	
C1715	ECQE6472B45	C 4700U 630V	1	
C1716,17	KMQ2W221KZ	ELECTROLYTIC CAPACITOR	2	
C1719	ECKENA221KBR	C 221P 250V	1	△
C1729	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C1731	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C1732	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C1733	ECQE6473RKF	PLASTIC FILM CAPACITOR	1	
C1735	ECJ2FB1E224K	C 22UF, K, 25V	1	
C1736	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C2350,51	ECJ3YB1C225K	C 0.022UF, K, 16V	2	
C2352,53	EEEB1H100P	C 10PF, J, 50V	2	
C2354,55	EEEB1V470P	E 47UF, 35V	2	
C2356,57	ECJ1XB1H102K	C 1000UF, Z, 50V	2	
C2358,59	EEEB1V2R2R	E 2.2UF, 35V	2	
C2360,61	ECJ1XC1H102J	C 1000PF, J, 50V	2	
C2362,63	EEEB1E471UP	C 470PF, J, 25V	2	
C2364,65	ECQV1H104JM	P 0.1UF, J, 50V	2	
C2366,67	ECJ3YB1E225K	C 2.2UF, K, 25V	2	
C2368,69	ECQV1H104JM	P 0.1UF, J, 50V	2	
C2370,71	EEEB1H100P	C 10PF, J, 50V	2	
C2373-75	ECJ1VB1E104K	C 0.10UF, K, 25V	3	
C2376,77	ECJ1XC1H150J	C 15PF, J, 50V	2	
C2378-82	ECJ1VB1E104K	C 0.10UF, K, 25V	5	
C2383	EEEB1A101P	C 100PF, J, 10V	1	
C2384	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C2385	EEEB1A101P	C 100PF, J, 10V	1	
C2386,87	EEEB1H1R0R	C 1.0PF, J, 50V	2	
C2388	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C2389	EEEB1A101P	C 100PF, J, 10V	1	
C2390	EEEB1H100P	C 10PF, J, 50V	1	
C2391	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C2392,93	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C2394	EEEB1H100P	C 10PF, J, 50V	1	
C2395,96	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2397	EEEB1A101P	C 100PF, J, 10V	1	
C2398-03	ECJ1VB1E104K	C 0.10UF, K, 25V	6	
C24,25	K1MN68BA0076	68P CONNECTOR	2	
C2404	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2405,06	ECJ1VB0J225K	C 2.2UF, K, 6.3V	2	
C2407,08	F1J0J1060004	C 0.010UF, K, 16V	2	
C2409,10	ECJ1XC1H181J	C 180PF, J, 50V	2	
C2411	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C2412,13	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2420	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C2425,26	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C3001	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C3004	EEEB1C470P	C 47PF, J, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3007,08	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3009-11	ECJ1VB1E104K	C 0.10UF, K, 25V	3	
C3011	EEEB1C470P	C 47PF, J, 16V	1	
C3012	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C3012	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3013-17	ECJ1VF1H103Z	C 0.010UF, Z, 50V	5	
C3018	EEEB1C470P	C 47PF, J, 16V	1	
C3019	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C302,03	RR3DD101K	CERAMIC CAPACITOR	2	
C3020	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C3021	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C3021	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3021	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C3022	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3022-31	ECJ3YB1C225K	C 0.022UF, K, 16V	10	
C3032	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C3033-35	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C3036	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3040,41	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C3042,43	EEEB1C100R	C 10PF, J, 16V	2	
C3051-58	ECJ1VF1C105Z	C 1UF, Z, 16V	8	
C3105-17	ECJ1XF1C104Z	C 0.1UF, Z, 16V	13	
C3118	ECJ1VF1C105Z	C 1UF, Z, 16V	1	
C3141	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3142	ECJ1VF1C105Z	C 1UF, Z, 16V	1	
C3143	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3144	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C3144	ECJ1VF1C105Z	C 1UF, Z, 16V	1	
C3146	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C3150-52	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C3200	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3201	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3202	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3203	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3204	ECJ1VC1H100C	C 10PF, C, 50V	1	
C3205	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3206	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3207	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3208	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3209	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3210	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3211	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3212	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3213	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3214	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3215	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3216	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3217	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3404	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3405,06	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C3409	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3501	ECJ1VF1C105Z	C 1UF, Z, 16V	1	
C3511	ECJ1VF1C105Z	C 1UF, Z, 16V	1	
C3523	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C3524	ECJ2VF1H103Z	C 0.010UF, Z, 50V	1	
C3550	ECJ2VF1H103Z	C 0.010UF, Z, 50V	1	
C3551	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C3551	EEEB1C470P	C 47PF, J, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3552	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C3552 02	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C3561,6 2	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3901-04	EEH1B1C470P	C 47PF, J, 16V	4	
C3905	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3911,1 2	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C3913	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C3915	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3921	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3922	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C3923	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3924	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C3925	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3926	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C3927	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3928	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C3929	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3930	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C3931	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3932	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C3933	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3934	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C4002-05	F1J0J106A013	C 0.010UF, K, 16V	4	
C4007-09	F1J0J106A013	C 0.010UF, K, 16V	3	
C4011	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4012	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4014	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4018	F1J0J106A013	C 0.010UF, K, 16V	1	
C4019,2 0	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C402,03	KMQ2C471H	ELECTROLYTIC CAPACITOR	2	
C4021	F2G0J470A019	E 47UF 6.3V	1	
C4022	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4023	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C4024	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4025	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4026	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4027,2 8	ECJ1XB1H102K	C 1000UF, Z, 50V	2	
C4029,3 0	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4031	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C4032,3 3	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4034	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C4035	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4036	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C4037	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4038	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C4039	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4040	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C4041	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4042	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4043,4 4	ECJ1XB1H102K	C 1000UF, Z, 50V	2	
C4045	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4046	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C4047,4 8	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4049,5 0	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4051	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4052,5 3	ECJ1XB1H102K	C 1000UF, Z, 50V	2	
C4054	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4055	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4056	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C4057,5 8	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4059	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C4060	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4061,6 2	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4063,6 4	ECJ1XB1H102K	C 1000UF, Z, 50V	2	
C4067	F2G0J470A019	E 47UF 6.3V	1	
C4069	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4070,7 1	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4072-74	ECJ1XB1H102K	C 1000UF, Z, 50V	3	
C4075,7 6	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C4077	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C4078	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4079	F1J0J106A013	C 0.010UF, K, 16V	1	
C4080,8 1	ECJ1XB1H102K	C 1000UF, Z, 50V	2	
C4082	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4083-86	ECJ1XB1H102K	C 1000UF, Z, 50V	4	
C4087	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4088,8 9	ECJ1XB1H102K	C 1000UF, Z, 50V	2	
C4090	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4091	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4094	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C4095	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4096,9 7	ECJ1XB1H102K	C 1000UF, Z, 50V	2	
C4098	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4099	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4100,0 1	ECJ1XB1H102K	C 1000UF, Z, 50V	2	
C4102	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4103	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C4105	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4106	F1J0J106A013	C 0.010UF, K, 16V	1	
C4107	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4108	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C4109	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4111	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4114	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4115,1 6	ECJ1XB1H102K	C 1000UF, Z, 50V	2	
C4117	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4118	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4119-21	ECJ1XB1H102K	C 1000UF, Z, 50V	3	
C4122,2 3	ECJ1XC1H180J	C 18PF, J, 50V	2	
C4301,0 2	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C4303	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C4304	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4305	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4306	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4307	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C4308	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C4309,1 0	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C4311	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C4312	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4313	ECGR10G680ER	C 68PF, J, 4V	1	
C4315	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C4316	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4317	ECJ1VB1E272K	C 2700PF, K, 25V	1	
C4318	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4319	ECJ1XC1H470J	C 47PF, J, 50V	1	
C4320	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C4321	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C4322,2 3	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C4324	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C4325	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4326	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C4327	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4328	ECJ1VC1H100C	C 10PF, C, 50V	1	
C4329	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C4330	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C4331	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C4332	ECGRL0G680ER	C 68PF, J, 4V	1	
C4334	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4335	ECJ1VC1H100C	C 10PF, C, 50V	1	
C4336	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C4337	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4338	ECGRL0G680ER	C 68PF, J, 4V	1	
C4340-42	ECJ1XB1H102K	C 1000UF, Z, 50V	3	
C4344	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C4345	ECGRL0G680ER	C 68PF, J, 4V	1	
C4347	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4348	F1J0J106A013	C 0.010UF, K, 16V	1	
C4349,50	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C4351	F1J0J106A013	C 0.010UF, K, 16V	1	
C4352	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C4353	EEHBC1C470P	C 47PF, J, 16V	1	
C4356	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C4361	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C4363	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C4364	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4365	ECJ1VB1E272K	C 2700PF, K, 25V	1	
C4366	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4367	ECJ1XC1H470J	C 47PF, J, 50V	1	
C4368	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C4369	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C4370	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4371	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C4372	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C4373	F1J0J106A013	C 0.010UF, K, 16V	1	
C4502	ECJ1XC1H080D	C 8PF, D, 50V	1	
C4503	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4504	EEHBC0G221P	C 220PF, J, 4V	1	
C4505	F1J0J106A013	C 0.010UF, K, 16V	1	
C4506,07	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C4508,09	F1J0J106A013	C 0.010UF, K, 16V	2	
C4510,11	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C4512	F1J0J106A013	C 0.010UF, K, 16V	1	
C4513	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C4515-58	ECJ1XF1C104Z	C 0.1UF, Z, 16V	44	
C4559	EEHBC0G221P	C 220PF, J, 4V	1	
C4560-76	ECJ1XB1C104K	C 0.1UF, Z, 16V	17	
C4701	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4703	F1J0J106A013	C 0.010UF, K, 16V	1	
C4704-19	ECJ1XB1C104K	C 0.1UF, Z, 16V	16	
C4721	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C4729	ECJ2FB1C105K	C 1UF, K, 16V	1	
C4730-32	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C4733,34	ECJ1XC1H150J	C 15PF, J, 50V	2	
C4735	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C4736	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C4739	ECJ1XC1H101J	C 100PF, J, 50V	1	
C4740	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C4741	ECJ2FB1C105K	C 1UF, K, 16V	1	
C4742	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4743	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C4744	ECJ1XC1H101J	C 100PF, J, 50V	1	
C4745	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C4749	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C4750,51	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4754-56	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C4758	ECJ1XC1H101J	C 100PF, J, 50V	1	
C4759	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C4760	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C4761	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C4762	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C4763	EEHBC1C470P	C 47PF, J, 16V	1	
C4764	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C4766	EEHBC1C470P	C 47PF, J, 16V	1	
C4907	ECJ2FB1C105K	C 1UF, K, 16V	1	
C4911-17	ECJ1XB1C104K	C 0.1UF, Z, 16V	7	
C4951	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4953	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C4954	ECJ1XC1H101J	C 100PF, J, 50V	1	
C4955-60	ECJ1XB1C104K	C 0.1UF, Z, 16V	6	
C5001	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C5002	EEHBC1C470P	C 47PF, J, 16V	1	
C5004	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C5006	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C5008	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C5010,11	ECJ1VB1C103K	C 0.010UF, K, 16V	2	
C5012-20	F1J0J106A013	C 0.010UF, K, 16V	9	
C5021	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C5022	F1J0J106A013	C 0.010UF, K, 16V	1	
C5023-27	ECJ1VB1C103K	C 0.010UF, K, 16V	5	
C5028-33	F1J0J106A013	C 0.010UF, K, 16V	6	
C5034	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C5035	F1J0J106A013	C 0.010UF, K, 16V	1	
C5036	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C5037,38	F1J0J106A013	C 0.010UF, K, 16V	2	
C5101	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5103	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5105	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5107	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5109	F1J0J106A013	C 0.010UF, K, 16V	1	
C5113	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5116	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5119	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5121	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5123	F1J0J106A013	C 0.010UF, K, 16V	1	
C5124-27	ECJ1VB1C103K	C 0.010UF, K, 16V	4	
C5128,29	F1J0J106A013	C 0.010UF, K, 16V	2	
C5132-35	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C5136	F1J0J106A013	C 0.010UF, K, 16V	1	
C5137-39	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C5140-43	F1J0J106A013	C 0.010UF, K, 16V	4	
C5201-03	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C5204	F1J0J106A013	C 0.010UF, K, 16V	1	
C5205-07	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C5208	F1J0J106A013	C 0.010UF, K, 16V	1	
C5209-12	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C5213	F1J0J106A013	C 0.010UF, K, 16V	1	
C5214,15	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C5216	F1J0J106A013	C 0.010UF, K, 16V	1	
C5217-20	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C5221	F1J0J106A013	C 0.010UF, K, 16V	1	
C5303-06	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C5307-09	F1J0J106A013	C 0.010UF, K, 16V	3	
C5310-18	ECJ1XB1C104K	C 0.1UF, Z, 16V	9	
C5319,20	F1J0J106A013	C 0.010UF, K, 16V	2	
C5321-23	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C5324	F1J0J106A013	C 0.010UF, K, 16V	1	
C5401,02	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C5403-05	ECJ2XB1E104K	C 0.1UF, K, 25V	3	
C5406	F1J0J106A013	C 0.010UF, K, 16V	1	
C5407	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C5408,09	F1J0J106A013	C 0.010UF, K, 16V	2	
C5410	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C5411,12	F1J0J106A013	C 0.010UF, K, 16V	2	
C5413	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C5414,15	F1J0J106A013	C 0.010UF, K, 16V	2	
C5416-18	ECJ1VB1C103K	C 0.010UF, K, 16V	3	
C5419	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C5420	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C5421-24	ECJ2XB1E104K	C 0.1UF, K, 25V	4	
C5425	F1J0J106A013	C 0.010UF, K, 16V	1	
C5426	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C5427	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5428-30	ECJ3YB1C225K	C 0.022UF, K, 16V	3	
C5431-33	EEVHB1C471	E 470UF, 16V	3	
C5434	EEHNB1C470P	C 47PF, J, 16V	1	
C5435	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C5436-38	F1J0J106A013	C 0.010UF, K, 16V	3	
C5439	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5440	EEHNB1C470P	C 47PF, J, 16V	1	
C5441	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5442	F1J0J106A013	C 0.010UF, K, 16V	1	
C5443	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5444	EEHNB1C470P	C 47PF, J, 16V	1	
C5447	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5448	F1J0J106A013	C 0.010UF, K, 16V	1	
C5501	F1J0J106A013	C 0.010UF, K, 16V	1	
C5502-11	ECJ1XB1C104K	C 0.1UF, Z, 16V	10	
C5514-22	ECJ1XB1C104K	C 0.1UF, Z, 16V	9	
C552	KZE1A152	ELECTROLYTIC CAPACITOR	1	
C5525-31	ECJ1XB1C104K	C 0.1UF, Z, 16V	7	
C5534-40	ECJ1XB1C104K	C 0.1UF, Z, 16V	7	
C5544	F1J0J106A013	C 0.010UF, K, 16V	1	
C5546-51	F1J0J106A013	C 0.010UF, K, 16V	6	
C5553-55	F1J0J106A013	C 0.010UF, K, 16V	3	
C5557-61	F1J0J106A013	C 0.010UF, K, 16V	5	
C5565-71	ECJ1XB1C104K	C 0.1UF, Z, 16V	7	
C5574-77	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C5580-83	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C5701,02	ECJ1VC1H120J	C 12PF, J, 50V	2	
C5705-10	ECJ1XB1C104K	C 0.1UF, Z, 16V	6	
C5711	F1J0J106A013	C 0.010UF, K, 16V	1	
C5800	EEFCD0J680ER	68UF	1	PAVCCZ
C5801	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5802	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C5803	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5804	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C5805	EEFCD0J680ER	68UF	1	PAVCCZ
C5806	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C5807	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5808	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C5809,10	ECJ1XB1H102K	C 1000UF, Z, 50V	2	
C5811,12	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C5813	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C5814	F2G0J470A019	E 47UF 6.3V	1	
C5815	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5816	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C5817	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5818	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C5819	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5820	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C5821	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5822	F2G0J470A019	E 47UF 6.3V	1	
C5823	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5824,25	ECJ1XB1H102K	C 1000UF, Z, 50V	2	
C6002	F1L2J222A022	C 2200UF, K, 6.3V	1	
C6003	F1L2J472A022	C 4700UF, K, 6.3V	1	
C6005	F1L2J562A022	C 5600UF, K, 6.3V	1	
C6006	F1L2J222A022	C 2200UF, K, 6.3V	1	
C6008	F1L2J272A022	C 2700UF, K, 6.3V	1	
C6011-20	F2A2D221A022	E 220UF, 200V	10	
C6022	F1L2J562A022	C 5600UF, K, 6.3V	1	
C6024	F1L2J272A022	C 2700UF, K, 6.3V	1	
C6025	F1L2J222A022	C 2200UF, K, 6.3V	1	
C6026	F1L2J562A022	C 5600UF, K, 6.3V	1	
C6027	F1L2J472A022	C 4700UF, K, 6.3V	1	
C6029	F1L2J472A022	C 4700UF, K, 6.3V	1	
C6030	F1L2J222A022	C 2200UF, K, 6.3V	1	
C6031	F0C2E405A176	E 0.040UF, 250V	1	
C6035	F1L2J272A022	C 2700UF, K, 6.3V	1	
C6037	F1L1E4750004	C 4.7UF, 25V	1	
C6041-44	TCUY1C105ZFN	C 1UF, 16V	4	
C6051,52	F2A2D221A022	E 220UF, 200V	2	
C6091	F1L2J1020001	C 1000UF, K, 6.3V	1	
C6111-14	F2A2D221A022	E 220UF, 200V	4	
C6120	F0C2E405A176	E 0.040UF, 250V	1	
C6132	F1L1E4750004	C 4.7UF, 25V	1	
C6134,35	F1L1E4750004	C 4.7UF, 25V	2	
C6151	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6152-54	F1L1E4750004	C 4.7UF, 25V	3	
C6192	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6195	F1L1E4750004	C 4.7UF, 25V	1	
C6197	F1L1E4750004	C 4.7UF, 25V	1	
C6201-03	F0C2E405A176	E 0.040UF, 250V	3	
C6205-08	F0C2E405A176	E 0.040UF, 250V	4	
C6211,12	F1L1E4750004	C 4.7UF, 25V	2	
C6213	F2A1E102A220	E 1000UF, 25V	1	
C6215-18	F1L1E4750004	C 4.7UF, 25V	4	
C6221	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C6223	F2A2E470A022	E 47UF, 250V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6241	ECA1EM471	E 470UF, 25V	1	
C6242	TCUY1C105ZFN	C 1UF, 16V	1	
C6243	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6251	TCUY1C105ZFN	C 1UF, 16V	1	
C6252	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6261-70	F2A2A471A072	E 470UF, 100V	10	
C6272, 73	ECA1EM221	E 220UF, 25V	2	
C6274, 75	F0C2E405A176	E 0.040UF, 250V	2	
C6281	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C6402	F1L2J222A022	C 2200UF, K, 6.3V	1	
C6403	F1L2J472A022	C 4700UF, K, 6.3V	1	
C6405	F1L2J562A022	C 5600UF, K, 6.3V	1	
C6406	F1L2J222A022	C 2200UF, K, 6.3V	1	
C6408	F1L2J272A022	C 2700UF, K, 6.3V	1	
C6411-20	F2A2D221A022	E 220UF, 200V	10	
C6422	F1L2J562A022	C 5600UF, K, 6.3V	1	
C6424	F1L2J272A022	C 2700UF, K, 6.3V	1	
C6425	F1L2J222A022	C 2200UF, K, 6.3V	1	
C6426	F1L2J562A022	C 5600UF, K, 6.3V	1	
C6427	F1L2J472A022	C 4700UF, K, 6.3V	1	
C6428	F1L2J222A022	C 2200UF, K, 6.3V	1	
C6429, 30	F2A2D221A022	E 220UF, 200V	2	
C6431	F0C2E405A176	E 0.040UF, 250V	1	
C6435	F1L2J272A022	C 2700UF, K, 6.3V	1	
C6437	F1L2J472A022	C 4700UF, K, 6.3V	1	
C6480	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C6502	F1L1E4750004	C 4.7UF, 25V	1	
C6504, 05	F1L1E4750004	C 4.7UF, 25V	2	
C6521	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6522	F1L1E4750004	C 4.7UF, 25V	1	
C6524, 25	F1L1E4750004	C 4.7UF, 25V	2	
C6527	F1L1E4750004	C 4.7UF, 25V	1	
C6531-36	F0C2E405A176	E 0.040UF, 250V	6	
C6538	F0C2E405A176	E 0.040UF, 250V	1	
C6561	F2A1A1010074	E 100UF, 10V	1	
C6562	TCUY1C105ZFN	C 1UF, 16V	1	
C6563	F2A1A1010074	E 100UF, 10V	1	
C6564	TCUY1C105ZFN	C 1UF, 16V	1	
C6565, 66	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C6581	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6582	TCUY1C105ZFN	C 1UF, 16V	1	
C6592	ECA1EM221	E 220UF, 25V	1	
C6593	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6594	ECA1EM221	E 220UF, 25V	1	
C6601, 02	F1L1E4750004	C 4.7UF, 25V	2	
C6603	F1K2J102A014	C 1000UF, K, 6.3V	1	
C6604	F2A2V470A020	E 47UF, 350V	1	
C6605	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C6606	F1K2J102A014	C 1000UF, K, 6.3V	1	
C6610	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6612	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6620	F1L2J222A022	C 2200UF, K, 6.3V	1	
C6641	ECQE2105RKB	P 1UF, 250V	1	
C6661, 62	F1K2J102A014	C 1000UF, K, 6.3V	2	
C6671	F1L1E4750004	C 4.7UF, 25V	1	
C6681, 82	F1L1E4750004	C 4.7UF, 25V	2	
C6683	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C6691, 92	ECA2CM101	E 100UF, 160V	2	
C6693	F0C2E405A176	E 0.040UF, 250V	1	
C6701-08	ECJ2FB1H104K	C 0.1UF, K, 50V	8	
C6721	F2A1H101A252	E 100UF, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6723-25	F1L1E4750004	C 4.7UF, 25V	3	
C6726, 27	TCUY1C105ZFN	C 1UF, 16V	2	
C6728	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6752	TCUY1C105ZFN	C 1UF, 16V	1	
C6753	F1L1E4750004	C 4.7UF, 25V	1	
C6754	F2A1V5600014	E 56UF, 35V	1	
C6755	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C6771	TCUY1C105ZFN	C 1UF, 16V	1	
C6772, 73	F1L1E4750004	C 4.7UF, 25V	2	
C6775	F1L1E4750004	C 4.7UF, 25V	1	
C6776, 77	ECJ2FB1H104K	C 0.1UF, K, 50V	2	
C6791	ECA1EM221	E 220UF, 25V	1	
C6795, 96	ECA1EM221	E 220UF, 25V	2	
C6801	F2A2E470A022	E 47UF, 250V	1	
C6802	ECQE6223KF	P 0.022UF, K, 400V	1	
C6803	ECKD3D221KBP	C 220PF, K, 2KV	1	
C6804	F2A2E100A022	E 10UF, 250V	1	
C6805	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6806	ECA2CM101	E 100UF, 160V	1	
C6807	ECJ2XC1H471J	C 470PF, J, 50V	1	
C6808	ECQE2105RKB	P 1UF, 250V	1	
C6809	ECA2CM101	E 100UF, 160V	1	
C6811	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6812	F1L1E4750004	C 4.7UF, 25V	1	
C6813	ECA2CM101	E 100UF, 160V	1	
C6814	ECA1EM221	E 220UF, 25V	1	
C6815	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C6822	F2A2V470A020	E 47UF, 350V	1	
C6823	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6841	ECA2DHG101	E 100UF, 200V	1	
C6842	ECA2CM101	E 100UF, 160V	1	
C6845	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6861	TCUY1C105ZFN	C 1UF, 16V	1	
C6862	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6863	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6871	TCUY1C105ZFN	C 1UF, 16V	1	
C6872	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6873	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6901-18	TCUY1C105ZFN	C 1UF, 16V	18	
C6921	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6922-37	ECJ2XB1H221K	C 220PF, K, 50V	16	
C6938	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6940	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C6961	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6964-69	F1L2E1040002	E 1000UF, 25V	6	
C6970	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C6971	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6974-81	F1L2E1040002	E 1000UF, 25V	8	
C6990, 91	F1L2E1040002	E 1000UF, 25V	2	
C7101, 02	TCUY1C105ZFN	C 1UF, 16V	2	
C7107-10	ECJ3XB2A474K	C 0.47UF, 6.3V	4	
C7111	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7113	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7115-18	ECJ3XB2A474K	C 0.47UF, 6.3V	4	
C7125, 26	TCUY1C105ZFN	C 1UF, 16V	2	
C7130	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7135-38	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C7150	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7152	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7170	ECJ1XC1H101J	C 100PF, J, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7172,73	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7176	TCUY1C105ZFN	C 1UF, 16V	1	
C7182	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7183-87	TCUY1C105ZFN	C 1UF, 16V	5	
C7200,01	TCUY1C105ZFN	C 1UF, 16V	2	
C7203-05	TCUY1C105ZFN	C 1UF, 16V	3	
C7207	TCUY1C105ZFN	C 1UF, 16V	1	
C7208	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7209	TCUY1C105ZFN	C 1UF, 16V	1	
C7212	TCUY1C105ZFN	C 1UF, 16V	1	
C7213,14	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7216	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7217,18	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7221	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7222	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7224	TCUY1C105ZFN	C 1UF, 16V	1	
C7225	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7226	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7231	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7238	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7240	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7253	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7264	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7266	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7268	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7270	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7272	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7274	TCUY1C105ZFN	C 1UF, 16V	1	
C7275,76	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7279	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7285	TCUY1C105ZFN	C 1UF, 16V	1	
C7286,87	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7290	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7297	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7299	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7301	TCUY1C105ZFN	C 1UF, 16V	1	
C7304	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7308,09	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C7311,12	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C7315,16	TCUY1C105ZFN	C 1UF, 16V	2	
C7323	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7324,25	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7326	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7327,28	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7329	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7331-34	ECJ3XB2A474K	C 0.47UF, 6.3V	4	
C7339,40	TCUY1C105ZFN	C 1UF, 16V	2	
C7351	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7369	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7370,71	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7374	TCUY1C105ZFN	C 1UF, 16V	1	
C7381	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7382-86	TCUY1C105ZFN	C 1UF, 16V	5	
C7401	TCUY1C105ZFN	C 1UF, 16V	1	
C7406	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7412-15	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C7418,19	TCUY1C105ZFN	C 1UF, 16V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7424-27	ECJ3XB2A474K	C 0.47UF, 6.3V	4	
C7428,29	ECJ1XC1H101J	C 100PF, J, 50V	2	
C7432-35	ECJ3XB2A474K	C 0.47UF, 6.3V	4	
C7440,41	TCUY1C105ZFN	C 1UF, 16V	2	
C7452,53	ECJ1XC1H101J	C 100PF, J, 50V	2	
C7468,69	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7472	TCUY1C105ZFN	C 1UF, 16V	1	
C7475	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7480	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7481-85	TCUY1C105ZFN	C 1UF, 16V	5	
C7501,02	TCUY1C105ZFN	C 1UF, 16V	2	
C7506,07	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7508	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7511	TCUY1C105ZFN	C 1UF, 16V	1	
C7513	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7516,17	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7519	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7520	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7521	TCUY1C105ZFN	C 1UF, 16V	1	
C7522	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7523,24	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7527	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7530	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7538	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7539	TCUY1C105ZFN	C 1UF, 16V	1	
C7541	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7543	TCUY1C105ZFN	C 1UF, 16V	1	
C7547-49	TCUY1C105ZFN	C 1UF, 16V	3	
C7566	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7568	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7570	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7572	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7575	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7577,78	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C7580	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7581	TCUY1C105ZFN	C 1UF, 16V	1	
C7582,83	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7591	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7592	TCUY1C105ZFN	C 1UF, 16V	1	
C7593,94	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7601,02	TCUY1C105ZFN	C 1UF, 16V	2	
C7607-10	ECJ3XB2A474K	C 0.47UF, 6.3V	4	
C7611-13	ECJ1XC1H101J	C 100PF, J, 50V	3	
C7615-18	ECJ3XB2A474K	C 0.47UF, 6.3V	4	
C7623,24	TCUY1C105ZFN	C 1UF, 16V	2	
C7630	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7635-38	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C7650	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7654,55	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7658	TCUY1C105ZFN	C 1UF, 16V	1	
C7661	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7665	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7666-70	TCUY1C105ZFN	C 1UF, 16V	5	
C8003	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C8005	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C8007	ECJ1XC1H101J	C 100PF, J, 50V	1	
C8009	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C8013	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8015	ECJ3YF1A106Z	C 10UF, Z, 10V	1	
C8016	ECJ3YB1A475K	C 0.047UF, K, 10V	1	
C8019	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C8021	ECJ3VB1C474K	C 0.47UF, K, 16V	1	
C8023	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C8025	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C8027	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C8029	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C8030	EEH1B1C470P	C 47PF, J, 16V	1	
C8033	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C8035	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8036	ECJ1XC1H101J	C 100PF, J, 50V	1	
C8038	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C8045	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C8049	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C8051	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8070	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C8072,73	ECJ3YF1A106Z	C 10UF, Z, 10V	2	
C8074	ECJ1XC1H151J	C 150PF, J, 50V	1	
C8075	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C8080-83	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C8084	TCUY1C105ZFN	C 1UF, 16V	1	
C8100	EEH1B1C470P	C 47PF, J, 16V	1	
C8101	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C8102,03	EEH1B1C470P	C 47PF, J, 16V	2	
C8106	EEH1B1C470P	C 47PF, J, 16V	1	
C8107	EEV1B1C471	E 470UF, 16V	1	
C8108,09	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C8111-13	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C8114	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C8115	EEH1B1C470P	C 47PF, J, 16V	1	
C8116	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C8120	F2H1E471A010	E 470UF, 25V	1	
C8121	ECJ3YF1E225Z	C 2.2UF, Z, 25V	1	
C8122	EEH1B1C470P	C 47PF, J, 16V	1	
C8123	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8181,82	ECJ1XC1H150J	C 15PF, J, 50V	2	
C8183	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8185	EECS5R5H155	E 1.5UF, 5.5V	1	
C8200	EEH1B1C470P	C 47PF, J, 16V	1	
C9028,29	F1J0J1060004	C 0.010UF, K, 16V	2	
C9033,34	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9035,36	F1J0J1060004	C 0.010UF, K, 16V	2	
C9037	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C9039	F1J0J1060004	C 0.010UF, K, 16V	1	
C9040	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9044-53	ECJ1XF1C104Z	C 0.1UF, Z, 16V	10	
C9055-57	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9058	F1J0J1060004	C 0.010UF, K, 16V	1	
C9059-83	ECJ1XB1C104K	C 0.1UF, Z, 16V	25	
C9084	EEFCD0G560ER	56UF,	1	
C9085-99	ECJ1XB1C104K	C 0.1UF, Z, 16V	15	
C9101-10	ECJ1XB1C104K	C 0.1UF, Z, 16V	10	
C9111	EEFCD0G560ER	56UF,	1	
C9300-25	ECJ1XB1C104K	C 0.1UF, Z, 16V	26	
C9355-59	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9360-64	ECJ3XB0J106M	C 10UF, M, 6.3V	5	
C9365	EEFCD0G560ER	56UF,	1	
C9368	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9369-74	ECJ1VF1H103Z	C 0.010UF, Z, 50V	6	
C9442-69	ECJ1XB1C104K	C 0.1UF, Z, 16V	28	
C9496	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9512,13	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9514,15	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C9516-25	ECJ1XB1C104K	C 0.1UF, Z, 16V	10	
C9526	F1J0J1060004	C 0.010UF, K, 16V	1	
C9527,28	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9531	F1J0J1060004	C 0.010UF, K, 16V	1	
C9532	ECJ1XC1H101K	C 100PF, K, 50V	1	
C9533	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9534-38	ECJ3XB0J106M	C 10UF, M, 6.3V	5	
C9539	EEFCD0G560ER	56UF,	1	
C9542	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9546,47	ECJ1VC1H120J	C 12PF, J, 50V	2	
C9548	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9552	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9554	F1J0J1060004	C 0.010UF, K, 16V	1	
C9557	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C9559-61	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C9601	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9608	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9609	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C9610	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9800	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9801	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C9802	ECJ1XC1H470J	C 47PF, J, 50V	1	
C9803	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C9804	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9805	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9806	ECGRL0G680ER	C 68PF, J, 4V	1	
C9807,08	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9809	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9815,16	ECGRL0G680ER	C 68PF, J, 4V	2	
C9817,18	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9823,24	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9825	ECJ1XC1H101K	C 100PF, K, 50V	1	
C9826	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9830-32	ECJ3XB1C106M	C 1.0UF, K, 16V	3	
C9833	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C9837	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C9838	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9840	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9841,42	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C9843	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9844	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9845,46	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9847,48	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C9880,81	ECJ1XB1H102K	C 1000UF, Z, 50V	2	
C9882	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9883	ECJ1VB1H822K	C 8200PF, K, 50V	1	
C9884	ECJ1VC1H100C	C 10PF, C, 50V	1	
C9885	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9886	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9887	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9891	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9896	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9897	ECJ1VB1H822K	C 8200PF, K, 50V	1	
C9898	ECJ1VC1H100C	C 10PF, C, 50V	1	
C9899	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9926	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9967	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9969	ECJ1XC1H330J	C 33PF, J, 50V	1	
C9970	ECJ1XC1H470J	C 47PF, J, 50V	1	
C9971	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
CA1-15	K1MN68BA0002	68P CONNECTOR	15	
CB1-15	K1MN68BA0002	68P CONNECTOR	15	
CF6281	D4DA91000001	THERMISTOR	1	
D3	K1KA30AA0009	30P CONNECTOR	1	
D5	K1KB31AA0140	31P CONNECTOR	1	
D6	K1KA21A00011	21P CONNECTOR	1	
D20	K1KA20AA0008	20P CONNECTOR	1	
D25	K1KA20B00155	20P CONNECTOR	1	
D31-33	K1MN68BA0076	68P CONNECTOR	3	
D34-36	K1MN68BA0251	68P CONNECTOR	3	
D201	MA165	DIODE	1	
D204	MA165	DIODE	1	
D251-54	YG901C3R	DIODE	4	
D255	MA111	DIODE	1	
D256	MA165	DIODE	1	
D301, 02	MA165	DIODE	2	
D351, 52	YG805C06R	DIODE	2	
D355	AG01A	DIODE	1	
D358	RK44	DIODE	1	
D401	AG01A	DIODE	1	
D402-06	YG901C3R	DIODE	5	
D501	S1WBA80	DIODE	1	⚠
D502, 03	ERA22-10	DIODE	2	
D504	AG01A	DIODE	1	
D505	MA111	DIODE	1	
D506	ST3D82	DIODE	1	
D508	AG01A	DIODE	1	
D511	ERA91-02	DIODE	1	
D551	RK39	DIODE	1	
D554	MA165	DIODE	1	
D555	MA111	DIODE	1	
D556	MA165	DIODE	1	
D557	MA111	DIODE	1	
D801	B0JCPD000026	DIODE	1	
D802, 03	B0JCME000037	DIODE	2	
D805-10	B0JCPE000004	DIODE	6	
D850-56	MA165	DIODE	7	
D859	AK04	DIODE	1	
D1550	LNJ107W5PRW	LED	1	
D1551	MA8033L	ZENER DIODE	1	
D1554	MA8033L	ZENER DIODE	1	
D1601, 02	MA111	DIODE	2	
D1603, 04	D15XB80	DIODE	2	
D1605	S3V60	DIODE	1	
D1606	S20LC60US	DIODE	1	
D1608	M1F60	DIODE	1	
D1609	S3V60	DIODE	1	
D1701, 02	MA111	DIODE	2	
D1703	D15XB80	DIODE	1	
D1704	WS10A22	JUMPER	1	
D1705	SF8L60USM	DIODE	1	
D1709	ERA15-10	DIODE	1	
D1710	M1F60	DIODE	1	
D1711	S3V60	DIODE	1	
D2301-03	B0JCME000037	DIODE	3	
D3001	MA111	DIODE	1	
D3001	EZJZ0V80008B	VARISTOR	1	
D3002, 02	EZJZ0V80008B	VARISTOR	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D3003	MA111	DIODE	1	
D3004	MA111	DIODE	1	
D3004	EZJZ0V80008B	VARISTOR	1	
D3005-10	EZJZ0V80008B	VARISTOR	6	
D3011	B0HCMM000014	DIODE	1	
D3021-24	MA3056M	ZENER DIODE	4	
D3025	B0HCMM000014	DIODE	1	
D3061	MA728	DIODE	1	
D3504	MA3056M	ZENER DIODE	1	
D3507-10	MA8160H	ZENER DIODE	4	
D4301	B0JCPE000004	DIODE	1	
D4302, 03	B0JCDD000002	DIODE	2	
D4304	B0JCPE000004	DIODE	1	
D4305	B0JCDD000002	DIODE	1	
D4306	B0JCPE000004	DIODE	1	
D4307	B0JCDD000002	DIODE	1	
D4308	B0JCPE000004	DIODE	1	
D4701	MA728	DIODE	1	
D4704	MA3033	ZENER DIODE	1	
D4708	MA152K	DIODE	1	
D4709	MA728	DIODE	1	
D4710-12	MA152K	DIODE	3	
D4714	MA3036H	ZENER DIODE	1	
D4724-27	MA152K	DIODE	4	
D6001-04	B0HBSN000008	DIODE	4	
D6021-26	B0HBSN000008	DIODE	6	
D6032	MA111	DIODE	1	
D6061-64	B0HBSN000008	DIODE	4	
D6067, 68	B0HBSN000008	DIODE	2	
D6071, 72	B0HBSN000008	DIODE	2	
D6081-86	B0HBSN000008	DIODE	6	
D6091, 92	B0HBSN000008	DIODE	2	
D6101-04	B0JCME000037	DIODE	4	
D6106, 07	B0JCME000037	DIODE	2	
D6110	MA111	DIODE	1	
D6112	MA8330M	ZENER DIODE	1	
D6113	MA111	DIODE	1	
D6131	B0ECHP000003	DIODE	1	
D6132	B0HBSN000008	DIODE	1	
D6151	B0ECHP000003	DIODE	1	
D6152	B0HBSN000008	DIODE	1	
D6153	B0ECHP000003	DIODE	1	
D6154	B0HBSN000008	DIODE	1	
D6191-93	B0HDRP000003	DIODE	3	
D6211	B0JCME000037	DIODE	1	
D6212	B0HBSN000008	DIODE	1	
D6221	B0HDRP000003	DIODE	1	
D6222, 23	MA111	DIODE	2	
D6225	B0ECHP000003	DIODE	1	
D6251, 52	MA8330M	ZENER DIODE	2	
D6253	LNJ301MPUJA	LED	1	
D6254	MA8051L	ZENER DIODE	1	
D6255	MA111	DIODE	1	
D6281, 82	B0JCME000037	DIODE	2	
D6401-04	B0HBSN000008	DIODE	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6421-24	MA3DF40000LZ	DIODE	4	
D6441	B0HBSN000008	DIODE	1	
D6451	MA3DF40000LZ	DIODE	1	
D6461-64	B0HBSN000008	DIODE	4	
D6466	MA111	DIODE	1	
D6467, 68	B0HBSN000008	DIODE	2	
D6471, 72	B0HBSN000008	DIODE	2	
D6477	MA111	DIODE	1	
D6478	B0HCKS000002	DIODE	1	
D6480	MA111	DIODE	1	
D6481-86	B0HBSN000008	DIODE	6	
D6491	MA3DF40000LZ	DIODE	1	
D6497	MA111	DIODE	1	
D6501	B0ECHP000003	DIODE	1	
D6502	B0HBSN000008	DIODE	1	
D6521	B0ECHP000003	DIODE	1	
D6522	B0HBSN000008	DIODE	1	
D6523	B0ECHP000003	DIODE	1	
D6524	B0HBSN000008	DIODE	1	
D6581, 82	MA8330M	ZENER DIODE	2	
D6583	LNJ301MPUJA	LED	1	
D6584	MA8051L	ZENER DIODE	1	
D6585	MA111	DIODE	1	
D6601	MA8240M	ZENER DIODE	1	
D6602	B0ECHP000003	DIODE	1	
D6603	MA8240M	ZENER DIODE	1	
D6604	MA111	DIODE	1	
D6605	MA8051L	ZENER DIODE	1	
D6606	B0HCMM000014	DIODE	1	
D6607	MA111	DIODE	1	
D6610	MAZ81500ML	ZENER DIODE	1	
D6611-13	MA111	DIODE	3	
D6616	MA111	DIODE	1	
D6619, 20	B0HCKS000002	DIODE	2	
D6621	B0HDSM000005	DIODE	1	
D6623	B0HDSM000005	DIODE	1	
D6625	B0HDSM000005	DIODE	1	
D6627	B0HDSM000005	DIODE	1	
D6629, 30	B0HDSM000005	DIODE	2	
D6641, 42	B0HCKS000002	DIODE	2	
D6643	B0JCME000037	DIODE	1	
D6644	B0HCKS000002	DIODE	1	
D6653	B0JCME000037	DIODE	1	
D6661	MA111	DIODE	1	
D6662-64	MA8330M	ZENER DIODE	3	
D6665	MA8051L	ZENER DIODE	1	
D6666, 67	MA111	DIODE	2	
D6682	B0HCMM000014	DIODE	1	
D6683, 84	MA111	DIODE	2	
D6686, 87	MA111	DIODE	2	
D6701, 02	MA8056H	ZENER DIODE	2	
D6721	B0HCKS000002	DIODE	1	
D6723, 24	B0JCME000037	DIODE	2	
D6725	B0ECHP000003	DIODE	1	
D6726-33	MA8056H	ZENER DIODE	8	
D6734	MA111	DIODE	1	
D6752	B0JCME000037	DIODE	1	
D6758	B0ECHP000003	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6760, 61	MA111	DIODE	2	
D6763	MA111	DIODE	1	
D6771	B0JCME000037	DIODE	1	
D6773	B0HCKS000002	DIODE	1	
D6791	MA8200M	ZENER DIODE	1	
D6802	B0BC01000044	ZENER DIODE	1	
D6803	B0HCKS000002	DIODE	1	
D6804	B0ECHP000003	DIODE	1	
D6805	MA111	DIODE	1	
D6806	B0ECHP000003	DIODE	1	
D6807-10	B0HCMM000014	DIODE	4	
D6812, 13	B0HCMM000014	DIODE	2	
D6820-23	MA111	DIODE	4	
D6824, 25	MA8330M	ZENER DIODE	2	
D6826	MA111	DIODE	1	
D6841	B0HCKS000002	DIODE	1	
D6842, 43	MA111	DIODE	2	
D6859	B0ECHP000003	DIODE	1	
D6860	B0HCKS000002	DIODE	1	
D6861	MA8051L	ZENER DIODE	1	
D6862	MA111	DIODE	1	
D6871	MA8051L	ZENER DIODE	1	
D6872	MA111	DIODE	1	
D6901, 02	MA8056H	ZENER DIODE	2	
D6905, 06	MA8056H	ZENER DIODE	2	
D6910	B0HDRP000002	DIODE	1	
D6913	B0HDRP000002	DIODE	1	
D6920	B0HDRP000002	DIODE	1	
D6923	B0HDRP000002	DIODE	1	
D7111-20	B0HCMM000014	DIODE	10	
D7211-20	B0HCMM000014	DIODE	10	
D7311-20	B0HCMM000014	DIODE	10	
D7415-24	B0HCMM000014	DIODE	10	
D7512-21	B0HCMM000014	DIODE	10	
D7611-20	B0HCMM000014	DIODE	10	
D8001	MA111	DIODE	1	
D8003	MA111	DIODE	1	
D8010, 11	MA153	DIODE	2	
D8180	MA111	DIODE	1	
D8181	MA8056-M	ZENER DIODE	1	
D8184, 85	MA8056-M	ZENER DIODE	2	
D8200	MAZ31600ML	ZENER DIODE	1	
D8201	MA111	DIODE	1	
D8203	MA3100M	ZENER DIODE	1	
D8204	MA111	DIODE	1	
D8209	MA111	DIODE	1	
D9017-19	MA3033	ZENER DIODE	3	
D9020	MA728	DIODE	1	
D9035	MA728	DIODE	1	
D9100-03	B0JCGD000002	DIODE	4	
D9105, 06	B0JCGD000002	DIODE	2	
D9110	B0JCGD000002	DIODE	1	
D9300-05	MA152K	DIODE	6	
D9800	B0JCME000037	DIODE	1	
D9801	B0JCDD000002	DIODE	1	
D9802	MA728	DIODE	1	
D9804	MA152K	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D9807, 08	MA152K	DIODE	2	
D9812	B0JCME000037	DIODE	1	
D9813	B0JCDD000002	DIODE	1	
D9814	B0JCME000037	DIODE	1	
D9815	B0JCDD000002	DIODE	1	
DN1	K1MN20BA0231	20P CONNECTOR	1	
DN2	K1KA30AA0009	30P CONNECTOR	1	
DN3	K1KA40AA0009	40P CONNECTOR	1	
DN4	K1KA14A00248	14P CONNECTOR	1	
DN6	K1MN80BA0076	80P CONNECTOR	1	
DN10	K1KA06AA0104	6P CONNECTOR	1	
DN11	K1KA21A00011	21P CONNECTOR	1	
DN51	K1KB31AA0140	31P CONNECTOR	1	
DS1	K1MN20BA0231	20P CONNECTOR	1	
DS2	K1KA07BA0047	7P CONNECTOR	1	
DS3	K1KA40AA0009	40P CONNECTOR	1	
DS4	K1KA11AA0153	11P CONNECTOR	1	
DS6	K1MN80BA0076	80P CONNECTOR	1	
DS7, S8	K1KA03BA0055	3P CONNECTOR	2	
DS10	K1KA06A00451	6P CONNECTOR	1	
DS11-13	K1KB80B00024	80P CONNECTOR	3	
DS14	K1KA15AA0194	CONNECTOR	1	
DS15	K1KA03BA0047	3P CONNECTOR	1	
DS30	K1KA05AA0150	5P CONNECTOR	1	
FL3000-04	F1J1E1040022	C 0.10UF, Z, 25V	5	
FL3006-08	F1J1E1040022	C 0.10UF, Z, 25V	3	
FL3010	F1J1E1040022	C 0.10UF, Z, 25V	1	
FL3021	ELKE103FA	NOISE FILTER	1	
FL3510-17	TAXA0024	LC FILTER	8	
FL3901-08	ELKE103FA	NOISE FILTER	8	
FL4501-03	F1J1E1040022	C 0.10UF, Z, 25V	3	
FL4701	F1J1E1040022	C 0.10UF, Z, 25V	1	
FL4703-06	F1J1E1040022	C 0.10UF, Z, 25V	4	
FL5401	J0MAB0000175	LC FILTER	1	
FL7101	J0HABH000013	LC FILTER	1	
FL7201, 02	J0HABH000013	LC FILTER	2	
FL7501, 02	J0HABH000013	LC FILTER	2	
FL7601	J0HABH000013	LC FILTER	1	
FL9000	J0HABH000013	LC FILTER	1	
FL9302-11	J0HABH000013	LC FILTER	10	
FL9501, 02	J0HABH000013	LC FILTER	2	
FL9504	F1J1E1040022	C 0.10UF, Z, 25V	1	
FL9800	J0HABH000013	LC FILTER	1	
FL9803, 04	J0HABH000012	LC FILTER	2	
FL9805-07	J0HABH000013	LC FILTER	3	
H0	K1KA09AA0150	9P CONNECTOR	1	
H1	K1KA80B00037	80P CONNECTOR	1	
H1 02	K1KA80B00037	80P CONNECTOR	1	
H37	K1KA03AA0190	3P CONNECTOR	1	
H37 02	K1KA03AA0190	3P CONNECTOR	1	
HX1	K1KA15AA0194	CONNECTOR	1	
IC401	TL431AI	INTEGRATED CIRCUIT	1	
IC501	MIP3E30MP	IC	1	⚠
IC850	C0DAAZG00014	IC	1	
IC801-03	C0DBAMH00018	IC	3	
IC2301, 02	C1AB00002534	IC	2	
IC2303	C1BB00001006	IC	1	
IC2305	C0ABBA000168	IC	1	
IC3001	C1AB00002530	IC	1	
IC3001 02	TVRP127	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC3002	C0JBBR000002	IC	1	
IC3002 02	C3EAGC000027	IC	1	
IC3003	CXA1315M	LINEAR IC	1	
IC3004	CXA1875AM	LINEAR IC	1	
IC3005	C1AB00002529	IC	1	
IC3006	MC14052BF	MOS IC (CMOS GATE ARRLY)	1	
IC3007, 08	C0JBAS000215	IC	2	
IC3101	C1AB00002291	IC	1	
IC3102	C0JBAZ002269	IC	1	
IC3103	JLC1562BF	MOS IC (MICON LSI) *	1	
IC3105	C0JBAZ002269	IC	1	
IC3150-52	C0JBAA000419	IC	3	
IC3201	C0ZBZ0001411	IC	1	
IC3502	TVRP156	IC	1	PAVCCZ
IC3901	TVRP125	IC	1	
IC3902	C0JBAZ002344	IC	1	
IC3906	C0JBAB000671	IC	1	
IC4001	MN84522-A	IC	1	
IC4004	C0DBGY000052	IC	1	
IC4301	C0DBAHD00011	IC	1	
IC4302	TVRP101	IC	1	PAVCCZ
IC4303, 04	C0DBAYY00054	IC	2	
IC4305	C0CBCAD00016	IC	1	
IC4306, 07	C0DBAYY00054	IC	2	
IC4308	C0DBEGE00002	IC	1	
IC4309	C0DBAHD00011	IC	1	
IC4501	MN845111-A	IC	1	
IC4502	C3ABQJ000031	IC	1	
IC4701	MN103SB30RGL	IC	1	
IC4702	TVRP099	IC	1	PAVCCZ
IC4703	TVRP153	IC	1	PAVCCZ
IC4704	C0EBE0000447	IC	1	
IC4705	C0JBAE000354	IC	1	
IC4707	C0JBAZ000856	IC	1	
IC4708	C0JBAE000354	IC	1	
IC4711	C0JBAS000215	IC	1	
IC4902	TVRP102	IC	1	PAVCCZ
IC4903	C0JBAZ000852	IC	1	PAVCCZ
IC4904	C0EBE0000447	IC	1	
IC4905	C0JBAZ000852	IC	1	PAVCCZ
IC4906, 07	C0JBAZ001238	IC	2	PAVCCZ
IC4908	C0JBAZ000852	IC	1	PAVCCZ
IC5001, 02	C0ZBZ0001412	IC	2	PAVCCZ
IC5101	C1ZBZ0003038	IC	1	
IC5103, 04	C0ZBZ0001464	IC	2	PAVCCZ
IC5201	C1ZBZ0003038	IC	1	
IC5301	C1ZBZ0003038	IC	1	
IC5401	C0DBEGE00002	IC	1	
IC5402	C0FBAY000031	IC	1	PAVCCZ
IC5403, 04	C0JBAE000354	IC	2	
IC5405	C1AB00002661	IC	1	PAVCCZ
IC5406	C0DBEGE00002	IC	1	
IC5501	C1AB00002588	IC	1	PAVCCZ
IC5502, 03	C3ABQJ000032	IC	2	PAVCCZ
IC5701	C1ZBZ0003478	IC	1	PAVCCZ
IC5801, 02	C0JBAP000020	IC	2	
IC6131	C0ZBZ0000895	IC	1	
IC6151	C0ZBZ0001324	IC	1	
IC6191	C0ZBZ0000895	IC	1	
IC6211	C0ZBZ0001325	IC	1	
IC6221	C0DBEMB00005	IC	1	
IC6241	C0JBAZ000005	IC	1	
IC6251	NJM2903M	INTEGRATED CIRCUIT	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC6281	C0DBEMB00005	IC	1	
IC6471	C0DBEKA00003	IC	1	
IC6472	C0JBAA000377	IC	1	
IC6501	C0ZBZ0000895	IC	1	
IC6521	C0ZBZ0001324	IC	1	
IC6561, 62	C0JBAZ000005	IC	2	
IC6581	NJM2903M	INTEGRATED CIRCUIT	1	
IC6601	C0ZBZ0001325	IC	1	
IC6602	C0JBAB000715	IC	1	
IC6610	NJM2903M	INTEGRATED CIRCUIT	1	
IC6671	C0ZBZ0001325	IC	1	
IC6681	C0ZBZ0001325	IC	1	
IC6682	C0JBAA000377	IC	1	
IC6721, 22	C0JBAZ000994	IC	2	
IC6724, 25	C0CBADC00089	IC	2	
IC6751	C0CBADC00089	IC	1	
IC6752	C0ZBZ0001325	IC	1	
IC6753	C0JBAB000715	IC	1	
IC6771	C0CBADC00089	IC	1	
IC6772	C0ZBZ0001325	IC	1	
IC6773, 74	C0JBAA000377	IC	2	
IC6791	N0BF1FB00001	IC	1	
IC6801, 02	C0DBEMB00005	IC	2	
IC6803	C0DAAMH00005	IC	1	
IC6821	C0DBEMB00005	IC	1	
IC6841	C0DBEMB00005	IC	1	
IC6861	NJM2903M	INTEGRATED CIRCUIT	1	
IC6871	NJM2903M	INTEGRATED CIRCUIT	1	
IC6901-18	AN16071A-VT	IC	18	
IC6920	C0JBAA000174	IC	1	
IC6940	C0JBAA000174	IC	1	
IC7101-06	C0JBAZ001120	IC	6	
IC7201-07	C0JBAZ001120	IC	7	
IC7211-15	C0JBAZ001120	IC	5	
IC7301-06	C0JBAZ001120	IC	6	
IC7401-06	C0JBAZ001120	IC	6	
IC7501-07	C0JBAZ001120	IC	7	
IC7511-16	C0JBAZ001120	IC	6	
IC7601-06	C0JBAZ001120	IC	6	
IC8001	MC14052BF	MOS IC (CMOS GATE ARRLY)	1	
IC8003	C1AA00000706	IC	1	
IC8005	C0JBAB000646	IC	1	
IC8007	C0JBAB000419	IC	1	
IC8009	C0JBAS000215	IC	1	
IC8014	C0ZBZ0000911	IC	1	
IC8016	C0JBAZ001934	IC	1	
IC804	C0CBCAC00275	IC	1	
IC8100	C0DBEJG00001	IC	1	
IC8181	C1DB00001208	IC	1	
IC9001	TVRP106	IC	1	PAVCCZ
IC9002	C0ZBZ0001330	IC	1	
IC9003	TVRP068-1	IC	1	PAVCCZ
IC9007	TVRP148	IC	1	PAVCCZ
IC9011	C0EBF0000431	IC	1	
IC9200	C1ZBZ0003473	IC	1	
IC9300	MN84521A-A	IC	1	
IC9301	C3ABQJ000051	IC	1	
IC9304	TVRP109	IC	1	
IC9400	MN84521A-A	IC	1	
IC9401	C3ABQJ000051	IC	1	
IC9402	C0JBAZ002614	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC9500	C1ZBZ0003463	IC	1	
IC9503-05	C0JBAZ001120	IC	3	
IC9602	PST9128NR	IC (LOGIC)	1	
IC9603	C0JBAZ002183	IC	1	
IC9800	C0DBAYY00054	IC	1	
IC9802, 03	C0JBAZ001120	IC	2	
IC9806	C0DBAHD00011	IC	1	
IC9807	C0DBAYY00054	IC	1	
IC9809	C0DBAYY00054	IC	1	
JA1-11	ERJ6GEY0R00	M 0 OHM, 1/10W	11	
JK3001	K1QBB3BB0002	CONNECTOR	1	
JK3001-02	K1FB124B0025	CONNECTOR	1	
JK3002	K2HA204B0097	JACK	1	
JK3501	K2HC103B0105	JACK	1	
JK3509	K1FA109B0062	CONNECTOR	1	
JK3511	K1FB115BA020	CONNECTOR	1	
JK3513	K2HC103B0105	JACK	1	
JK8500	K4BC02B00013	AV TERMENAL	1	
JK8500-02	K4BC02B00013	AV TERMENAL	1	
JS3001-08	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
JS3011-16	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
JS3501-03	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
JS8094	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
K1601	DG12D1-0	RELAY	1	△
K1602	DJ12D2-0	RELAY	1	△
K1701	KS321M01	RELAY	1	△
K1702	DJ12D2-0T5	RELAY	1	△
L352, 53	EXCELD35	BEAD CHOKE	2	
L401	H221012HY	CHOKE	1	
L402	LH8TB681K	CHOKE	1	
L403, 04	EXCELD35	BEAD CHOKE	2	
L501	EXCELSA35	BEAD CHOKE	1	
L502	EXCELD35	BEAD CHOKE	1	
L504	EXCELD35	BEAD CHOKE	1	
L801	G1A101ZA0007	CHOKE COIL	1	
L802	G1C101MA0167	INDUCTION COIL	1	
L803	G1C220MA0167	INDUCTION COIL	1	
L804, 05	J0JHC0000078	CHIP INDUCTOR	2	
L807-11	J0JHC0000078	CHIP INDUCTOR	5	
L851	G0A680ZA0047	CHOKE COIL	1	
L1601-03	P3165208Z	FILTER CHOKE	3	
L1604	ETB50CZ12GAD	CHOKE	1	
L1605	EXCELSR35	BEAD CHOKE	1	
L1607	EXCELSR35	BEAD CHOKE	1	
L1609	EXCELSR35	BEAD CHOKE	1	
L1611	EXCELSR35	BEAD CHOKE	1	
L1613	EXCELSA35	BEAD CHOKE	1	
L1701, 02	P2590204Y	FILTER CHOKE	2	△
L1703	ETB44CZ129AD	TRANSFORMER	1	
L1704	EXCELSR35	BEAD CHOKE	1	
L1708	EXCELSR35	BEAD CHOKE	1	
L2330, 31	G0A221ZA0041	CHOKE COIL	2	
L3001	J0HABB000004	LC FILTER	1	
L3002	G1C100K00020	INDUCTION COIL	1	
L3003	J0HABB000004	LC FILTER	1	
L3004	J0HABB000003	LC FILTER	1	
L3005	G1C100K00020	INDUCTION COIL	1	
L3005-02	J0HABB000003	LC FILTER	1	
L3006	G1C100K00020	INDUCTION COIL	1	
L3006-02	ELJPA100KFB	CHIP INDUCTOR	1	
L3050	G1C100K00020	INDUCTION COIL	1	
L3140	J0JHC0000078	CHIP INDUCTOR	1	
L3526	ELJPA100KFB	CHIP INDUCTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L3551	G1C100K00020	INDUCTION COIL	1	
L3552, 53	EXC3BB221H	BEAD CHOKE	2	
L3555	ELJPA100KFB	CHIP INDUCTOR	1	
L4002-04	J0JHC0000078	CHIP INDUCTOR	3	
L4005, 06	J0JCC0000077	CHIP INDUCTOR	2	
L4008, 09	J0JCC0000077	CHIP INDUCTOR	2	
L4011	J0JCC0000077	CHIP INDUCTOR	1	
L4301	G1C3R0MA0248	INDUCTION COIL	1	
L4302	G1C2R2ZA0083	INDUCTION COIL	1	
L4303	G1C2R2MA0248	INDUCTION COIL	1	
L4304	G1C1R5ZA0083	INDUCTION COIL	1	
L4501-04	J0JHC0000096	CHIP INDUCTOR	4	
L4701-04	J0JHC0000096	CHIP INDUCTOR	4	
L5001-04	J0JHC0000096	CHIP INDUCTOR	4	
L5104	J0JHC0000096	CHIP INDUCTOR	1	
L5107	J0JHC0000096	CHIP INDUCTOR	1	
L5110-14	J0JHC0000096	CHIP INDUCTOR	5	
L5201	J0JHC0000096	CHIP INDUCTOR	1	
L5204	J0JHC0000096	CHIP INDUCTOR	1	
L5205	J0JHC0000078	CHIP INDUCTOR	1	
L5303, 04	J0JHC0000096	CHIP INDUCTOR	2	
L5306, 07	J0JHC0000096	CHIP INDUCTOR	2	
L5401, 02	J0JHC0000096	CHIP INDUCTOR	2	
L5508-12	J0JHC0000096	CHIP INDUCTOR	5	
L5701	J0JHC0000096	CHIP INDUCTOR	1	
L5801-06	J0JHC0000078	CHIP INDUCTOR	6	
L6001-06	G0CR60KA0118	PEAKING COIL	6	
L6008	G0CR60KA0118	PEAKING COIL	1	
L6012-15	G0CR96KA0118	PEAKING COIL	4	
L6017	G0CR96KA0118	PEAKING COIL	1	
L6040	G0ZZ00002183	PEAKING COIL	1	
L6061-79	G0ZZ00002183	PEAKING COIL	19	
L6081-99	G0ZZ00002183	PEAKING COIL	19	
L6101, 02	J0JJC0000011	CHIP INDUCTOR	2	
L6103	G0ZZ00002183	PEAKING COIL	1	
L6105-08	J0JJC0000011	CHIP INDUCTOR	4	
L6161-64	G0ZZ00002183	PEAKING COIL	4	
L6181-85	G0ZZ00002183	PEAKING COIL	5	
L6211-13	J0JJC0000011	CHIP INDUCTOR	3	
L6221, 22	G0ZZ00002183	PEAKING COIL	2	
L6241	G0ZZ00002183	PEAKING COIL	1	
L6262	G0ZZ00002183	PEAKING COIL	1	
L6271	G0ZZ00002183	PEAKING COIL	1	
L6291	G0ZZ00002183	PEAKING COIL	1	
L6398, 99	J0JJC0000011	CHIP INDUCTOR	2	
L6401-07	G0CR60KA0118	PEAKING COIL	7	
L6411-17	G0C1R4KA0118	PEAKING COIL	7	
L6441-48	G0ZZ00002183	PEAKING COIL	8	
L6451-58	G0ZZ00002183	PEAKING COIL	8	
L6461-68	G0ZZ00002183	PEAKING COIL	8	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L6471-88	G0ZZ00002183	PEAKING COIL	18	
L6491-98	G0ZZ00002183	PEAKING COIL	8	
L6591, 92	G0ZZ00002183	PEAKING COIL	2	
L6601, 02	G0ZZ00002183	PEAKING COIL	2	
L6680	G0ZZ00002183	PEAKING COIL	1	
L6801, 02	J0JJC0000011	CHIP INDUCTOR	2	
L6841	J0JJC0000011	CHIP INDUCTOR	1	
L8001	G1C100K00020	INDUCTION COIL	1	
L8003	G1C100K00020	INDUCTION COIL	1	
L8005	G1C100K00020	INDUCTION COIL	1	
L8101-09	J0JHC0000078	CHIP INDUCTOR	9	
L9501, 02	J0JHC0000078	CHIP INDUCTOR	2	
L9503	G1C150KA0038	INDUCTION COIL	1	
L9504, 05	J0JHC0000078	CHIP INDUCTOR	2	
L9800	G1C3R0MA0248	INDUCTION COIL	1	
L9801, 02	G1C2R2MA0241	INDUCTION COIL	2	
L9810	J0JHC0000045	CHIP INDUCTOR	1	
MC201	MLZNC682	MODULE	1	△
MC202	MLWNB393	MODULE	1	△
MC301	MLZNC102	MODULE	1	△
MC401	MLLSB103	MODULE	1	△
MC502	MLWNB393	MODULE	1	△
MC601	MLSZA100	MODULE	1	△
MC701	MLZDD103	MODULE	1	△
MC1601	MLLPC123	MODULE	1	△
MC1703	MLLPC123	MODULE	1	△
P2	B2P3-VH-B	CONNECTOR	1	
P5	B11B-PH-KS	CONNECTOR	1	
P9	B03P-VL	CONNECTOR	1	△
P10	B6B-PH-KS	CONNECTOR	1	
P11	B2P3-VH-B	CONNECTOR	1	
P12	B10B-PH-KS	CONNECTOR	1	
P23	B3B-PH-KS	CONNECTOR	1	
P25	B20B-PHDSS	CONNECTOR	1	
P51, 52	B3P4VH-B-L	CONNECTOR	2	△
P53, 54	B3P-VH	CONNECTOR	2	
P55, 56	B8B-PH-KS	CONNECTOR	2	
PA4701	K5H4022A0023	FUSE	1	
PA9800	K5H4022A0023	FUSE	1	
PB30	K1KA05AA0193	5P CONNECTOR	1	
PB31-35	K1KA03AA0192	3P CONNECTOR	5	
PB36	K1KA03AA0193	3P CONNECTOR	1	
PB38	K1KA03AA0193	3P CONNECTOR	1	
PC201, 02	PS2581A	PHOTO COUPLER	2	△
PC503	PS2581A	PHOTO COUPLER	1	△
PC505-07	PS2581A	PHOTO COUPLER	2	△
PC6480	B3PBA0000223	IC	1	
PC6610	B3PBA0000223	IC	1	
PC6701-03	B3PBA0000223	IC	3	
PC6704	B3PBA0000223	IC	1	
PC6705	B3PBA0000223	IC	1	
PC6760	B3PBA0000223	IC	1	
PC6801	B3PBA0000223	IC	1	
PC6861	B3PBA0000223	IC	1	
PC6871	B3PBA0000223	IC	1	
Q201-04	FMW21N556	FIELD EFFECT TRANSISTOR	4	△
Q205, 06	2SB1440	TRANSISTOR	2	
Q251	2SB1218A	TRANSISTOR	1	
Q301, 02	2SK3568	FET	2	
Q303, 04	2SB1440	TRANSISTOR	2	
Q351, 52	2SK2903	FET	2	
Q353, 54	2SB1218A	TRANSISTOR	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q404	2SK3607	FIELD EFFECT TRANSISTOR	1	
Q405, 06	2SA1767	TRANSISTOR	2	
Q501	2SK3302	FET	1	
Q502	2SK2731	FET	1	
Q551, 52	HAT1130R	FET	2	
Q553	2SB710A	TRANSISTOR	1	
Q850	2SC3311A	TRANSISTOR	1	
Q1540	2SD601A	TRANSISTOR	1	
Q1602, 03	FMW21N55G	FIELD EFFECT TRANSISTOR	2	△
Q1604	2SD2185	TRANSISTOR	1	
Q1605	2SB1440	TRANSISTOR	1	
Q1606, 07	FMW21N55G	FIELD EFFECT TRANSISTOR	2	△
Q1608	2SB709A	TRANSISTOR	1	
Q1609	2SD601A	TRANSISTOR	1	
Q1701, 02	FMA16N55G	FIELD EFFECT TRANSISTOR	2	
Q1703	2SD2185	TRANSISTOR	1	
Q1704	2SB1440	TRANSISTOR	1	
Q1706	2SD1819A	TRANSISTOR	1	
Q1707	2SB709A	TRANSISTOR	1	
Q1708	2SD601A	TRANSISTOR	1	
Q2300	B1BBCF000028	TRANSISTOR	1	
Q2331	B1BBCF000028	TRANSISTOR	1	
Q2372	2SD601A	TRANSISTOR	1	
Q3001	2SB709A	TRANSISTOR	1	
Q3002	2SD601A	TRANSISTOR	1	
Q3100, 01	2SD601A	TRANSISTOR	2	
Q3501	2SD601A	TRANSISTOR	1	
Q3511	2SD601A	TRANSISTOR	1	
Q3531, 32	2SD601A	TRANSISTOR	2	
Q4301-03	B1MBEDA00015	TRANSISTOR	3	
Q4306	B1MBEDA00015	TRANSISTOR	1	
Q4701	B1CBHD000002	FET	1	
Q4702-07	2SD601A	TRANSISTOR	6	
Q4709-13	2SD601A	TRANSISTOR	5	
Q4714	B1CBHD000002	FET	1	
Q4715-19	2SD601A	TRANSISTOR	5	
Q5401, 02	B1CBHD000002	FET	2	
Q6001-08	2PG0010000RP	TRANSISTOR	8	
Q6021-28	2PG0010000RP	TRANSISTOR	8	
Q6031	B1ADRD000001	TRANSISTOR	1	
Q6041-44	2PG0010000RP	TRANSISTOR	4	
Q6051-54	2PG0010000RP	TRANSISTOR	4	
Q6101, 02	B1DFKM000002	TRANSISTOR	2	
Q6103	B1ABNF000006	TRANSISTOR	1	
Q6104	B1ADNF000006	TRANSISTOR	1	
Q6105-08	B1DFKM000002	TRANSISTOR	4	
Q6111, 12	B1DFKM000002	TRANSISTOR	2	
Q6114	B1DFKM000002	TRANSISTOR	1	
Q6115	2SD601A	TRANSISTOR	1	
Q6116	B1DFKM000002	TRANSISTOR	1	
Q6141	B1ABNF000006	TRANSISTOR	1	
Q6142	B1ADNF000006	TRANSISTOR	1	
Q6143	B1ABNF000006	TRANSISTOR	1	
Q6144	B1ADNF000006	TRANSISTOR	1	
Q6146	B1ABNF000006	TRANSISTOR	1	
Q6147	B1ADNF000006	TRANSISTOR	1	
Q6148	B1ABNF000006	TRANSISTOR	1	
Q6149	B1ADNF000006	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q6151	B1ABNF000006	TRANSISTOR	1	
Q6152	B1ADNF000006	TRANSISTOR	1	
Q6153	B1ABNF000006	TRANSISTOR	1	
Q6154	B1ADNF000006	TRANSISTOR	1	
Q6156	B1ABNF000006	TRANSISTOR	1	
Q6157	B1ADNF000006	TRANSISTOR	1	
Q6158	B1ABNF000006	TRANSISTOR	1	
Q6159	B1ADNF000006	TRANSISTOR	1	
Q6171	B1ABRD000003	TRANSISTOR	1	
Q6172	B1ADRD000001	TRANSISTOR	1	
Q6173	B1ABRD000003	TRANSISTOR	1	
Q6174	B1ADRD000001	TRANSISTOR	1	
Q6181	B1ABRD000003	TRANSISTOR	1	
Q6183	B1ABRD000003	TRANSISTOR	1	
Q6184	B1ADRD000001	TRANSISTOR	1	
Q6211	B1ABNF000006	TRANSISTOR	1	
Q6212	B1ADNF000006	TRANSISTOR	1	
Q6222	2SC3063	TRANSISTOR	1	
Q6251	2SD601A	TRANSISTOR	1	
Q6256	2SD1263A	TRANSISTOR	1	
Q6281	B1ABNF000006	TRANSISTOR	1	
Q6282	B1ADNF000006	TRANSISTOR	1	
Q6401-08	2PG0010000RP	TRANSISTOR	8	
Q6421-28	2PG0030000RP	TRANSISTOR	8	
Q6441-44	2PG0010000RP	TRANSISTOR	4	
Q6451-54	2PG0030000RP	TRANSISTOR	4	
Q6501	B1ABNF000006	TRANSISTOR	1	
Q6502	B1ADNF000006	TRANSISTOR	1	
Q6503	B1ABNF000006	TRANSISTOR	1	
Q6504	B1ADNF000006	TRANSISTOR	1	
Q6505	B1ABNF000006	TRANSISTOR	1	
Q6506	B1ADNF000006	TRANSISTOR	1	
Q6507	B1ABNF000006	TRANSISTOR	1	
Q6508	B1ADNF000006	TRANSISTOR	1	
Q6521	B1ABNF000006	TRANSISTOR	1	
Q6522	B1ADNF000006	TRANSISTOR	1	
Q6523	B1ABNF000006	TRANSISTOR	1	
Q6524	B1ADNF000006	TRANSISTOR	1	
Q6525	B1ABNF000006	TRANSISTOR	1	
Q6526	B1ADNF000006	TRANSISTOR	1	
Q6527	B1ABNF000006	TRANSISTOR	1	
Q6528	B1ADNF000006	TRANSISTOR	1	
Q6531	B1ABRD000003	TRANSISTOR	1	
Q6532	B1ADRD000001	TRANSISTOR	1	
Q6533	B1ABRD000003	TRANSISTOR	1	
Q6534	B1ADRD000001	TRANSISTOR	1	
Q6551	B1ABRD000003	TRANSISTOR	1	
Q6552	B1ADRD000001	TRANSISTOR	1	
Q6553	B1ABRD000003	TRANSISTOR	1	
Q6554	B1ADRD000001	TRANSISTOR	1	
Q6581	2SD601A	TRANSISTOR	1	
Q6601	B1DFES000003	TRANSISTOR	1	
Q6602	2SD601A	TRANSISTOR	1	
Q6622, 23	B1DFKM000001	TRANSISTOR	2	
Q6625-27	B1DFKM000001	TRANSISTOR	3	
Q6641-49	B1DFKM000001	TRANSISTOR	9	
Q6651-60	B1DFKM000001	TRANSISTOR	10	
Q6661	B1DEET000002	TRANSISTOR	1	
Q6662	2SD601A	TRANSISTOR	1	
Q6665	B1ABNF000006	TRANSISTOR	1	
Q6671-75	B1DFES000003	TRANSISTOR	5	
Q6679	B1ABNF000006	TRANSISTOR	1	
Q6680	B1ADNF000006	TRANSISTOR	1	
Q6681, 82	2SK389500L	FET	2	
Q6691	2SK620	FET	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q6742, 43	2SD601A	TRANSISTOR	2	
Q6744	2SK620	FET	1	
Q6762, 63	B1ADNF000006	TRANSISTOR	2	
Q6781	B1ABNF000006	TRANSISTOR	1	
Q6782	B1ADNF000006	TRANSISTOR	1	
Q6783	B1ABNF000006	TRANSISTOR	1	
Q6784	B1ADNF000006	TRANSISTOR	1	
Q6791	2SD601A	TRANSISTOR	1	
Q6803	2SD814A	TRANSISTOR	1	
Q6821	2SD1263A	TRANSISTOR	1	
Q6822	2SC3063	TRANSISTOR	1	
Q6824	2SD601A	TRANSISTOR	1	
Q6841	2SD1263A	TRANSISTOR	1	
Q6842	2SC1473A	TRANSISTOR	1	
Q8002	2SD601A	TRANSISTOR	1	
Q8010	2SD601A	TRANSISTOR	1	
Q8011	2SB709A	TRANSISTOR	1	
Q8012	2SD601A	TRANSISTOR	1	
Q8013	2SB709A	TRANSISTOR	1	
Q8016-19	2SD601A	TRANSISTOR	4	
Q8181-84	B1CBHD000002	FET	4	
Q8200-02	2SD601A	TRANSISTOR	3	
Q9044	2SD601A	TRANSISTOR	1	
Q9046	2SD601A	TRANSISTOR	1	
Q9049	2SB709A	TRANSISTOR	1	
Q9050-54	2SD601A	TRANSISTOR	5	
Q9057, 58	B1CBHD000002	FET	2	
Q9100	2SD601A	TRANSISTOR	1	
Q9200, 01	B1CBHD000002	FET	2	
Q9300-06	2SD601A	TRANSISTOR	7	
Q9800, 01	B1MBEDA00015	TRANSISTOR	2	
Q9803	B1MBEDA00015	TRANSISTOR	1	
Q9805, 06	2SD601A	TRANSISTOR	2	
R201	ERQ14AJ4R7J	FUSIBLE METAL FILM RESISTOR	1	
R202	ERJ12YJ820	CHIP RESISTOR	1	
R204, 05	SG732K220	CHIP RESISTOR	2	
R206	ERJ12YJ820	CHIP RESISTOR	1	
R208, 09	SG732K220	CHIP RESISTOR	2	
R210	ERJ6GEYJ334	M 330KOHM, J, 1/10W	1	
R211	ERJ12YJ513	CHIP RESISTOR	1	
R212-14	ERJ6GEYJ334	M 330KOHM, J, 1/10W	3	
R215, 16	ERJ12YJ513	CHIP RESISTOR	2	
R217	ERJ12YJ4R7	M 4.7OHM, J, 1/2W	1	
R218	ERJ3GEYJ0R00	M 0 OHM, 1/16W	1	
R219-22	ERJ6ENF2703	M 270KOHM, 1/10W	4	
R223	ERJ6GEYJ4R7	M 4.7 OHM, J, 1/10W	1	
R224, 25	ERJ12YJ680	M 68 OHM, J, 1/2W	2	
R226	ERJ12YJ513	CHIP RESISTOR	1	
R254	ERDS1TJ201	C 200 OHM, J, 1/2W	1	
R257	ERDS1TJ201	C 200 OHM, J, 1/2W	1	
R258	ERJ6ENF7152	M71.5KOHM, 1/10W	1	
R259	ERJ6GEYJ220	M 22 OHM, J, 1/10W	1	
R260-62	ERJ6ENF1003	M 100KOHM, 1/10W	3	
R263-65	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	3	
R266-68	ERJ6ENF5492	M54.9KOHM, 1/10W	3	
R269	ERJ6GEYJ471	M 470 OHM, J, 1/10W	1	
R270	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R271	ERJ6GEYJ391	M 390 OHM, J, 1/10W	1	
R272	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R273, 74	ERJ6GEYJ103	M 10KOHM, J, 1/10W	2	
R276	ERJ6ENF1003	M 100KOHM, 1/10W	1	
R277	ERDS1TJ472	C 4.7KOHM, J, 1/2W	1	
R278-82	ERDS1TJ622	CARBON FILM RESISTOR	5	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R283	ERJ6ENF2212	M22.1KOHM, 1/10W	1	
R301, 02	ERJ12YJ560	M 56 OHM, J, 1/2W	2	
R303, 04	SG732K560	0.5W 560HM	2	
R305-07	ERJ12YJ513	CHIP RESISTOR	3	
R308, 09	ERJ6GEYJ104	M 100KOHM, J, 1/10W	2	
R310	ERQ14AJ4R7J	FUSIBLE METAL FILM RESISTOR	1	
R311	ERJ12YJ513	CHIP RESISTOR	1	
R351	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R353	ERJ6GEYJ153	M 15KOHM, J, 1/10W	1	
R354	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R359, 60	ERJ6GEYJ513	M 51KOHM, J, 1/10W	2	
R361	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R362	ERDS2TJ101	C 100 OHM, J, 1/4W	1	
R364	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R365	ERJ6GEYJ153	M 15KOHM, J, 1/10W	1	
R366, 67	ERJ6GEYJ473	M 47KOHM, J, 1/10W	2	
R368	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R369	ERJ6GEYJ202	M 2KOHM, J, 1/10W	1	
R370	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R371	ERJ6ENF1622	M16.2KOHM, 1/10W	1	
R372	ERJ6GEYJ1R0	M 1 OHM, J, 1/10W	1	
R374	ERJ12YJ100	M 10 OHM, J, 1/2W	1	
R375	ERJ6GEYJ681	M 680 OHM, J, 1/10W	1	
R376	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R377	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R378-85	ERJ12YJ222	M 2.2KOHM, J, 1/2W	8	
R389	ERJ6GEYJ153	M 15KOHM, J, 1/10W	1	
R401	ERJ12YJ100	M 10 OHM, J, 1/2W	1	
R407	ERJ6ENF2372	M23.7KOHM, 1/10W	1	
R408	MPC2WR05K	METAL PLATE RESISTOR	1	
R410	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R412	ERJ6ENF2372	M23.7KOHM, 1/10W	1	
R413	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R414	ERJ6GEYJ150	M 15 OHM, J, 1/10W	1	
R415	ERJ6ENF2372	M23.7KOHM, 1/10W	1	
R416, 17	ERJ6GEYJ152	M 1.5KOHM, J, 1/10W	2	
R418, 19	ERJ6ENF1622	M16.2KOHM, 1/10W	2	
R420	ERJ6ENF8662	CHIP RESISTOR	1	
R421	ERJ6ENF8061	M8.06KOHM, 1/10W	1	
R422	ERJ6GEYJ150	M 15 OHM, J, 1/10W	1	
R474	ERJ6ENF1302	M 13KOHM, 1/10W	1	
R481	ERJ6GEYJ154	M 150KOHM, J, 1/10W	1	
R484	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R485	ERJ6GEYJ154	M 150KOHM, J, 1/10W	1	
R486	ERJ6GEYJ220	M 22 OHM, J, 1/10W	1	
R501	ERJ12YJ474	M 470KOHM, 1/2W	1	
R502	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R503	ERJ12YJ474	M 470KOHM, 1/2W	1	
R505	ERJ6GEYJ334	M 330KOHM, J, 1/10W	1	
R507, 08	ERJ6GEYJ334	M 330KOHM, J, 1/10W	2	
R518	ERJ12YJ100	M 10 OHM, J, 1/2W	1	
R519	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R531, 32	ERJ12YJ201	CHIP RESISTOR	2	
R560	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R561	ERDS2TJ332	C 3.3KOHM, J, 1/4W	1	
R563	ERJ6GEYJ332	M 3.3KOHM, J, 1/10W	1	
R564	ERJ6GEYJ391	M 390 OHM, J, 1/10W	1	
R565	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R566	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R567	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R568	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R570	ERJ12YJ151	M 150 OHM, J, 1/2W	1	
R580	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R581	ERJ6ENF2703	M 270KOHM, 1/10W	1	
R582	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R583	ERJ12YJ4R7	M 4.7OHM, J, 1/2W	1	
R803	ERJ3EKF6802	M 68KOHM, 1/16W	1	
R804	ERJ3GEYJ473	M 47KOHM, J, 1/16W	1	
R805	ERJ3EKF8452	M84.5KOHM, 1/16W	1	
R806	ERJ3EKF1052	M10.5KOHM, 1/16W	1	
R811	ERJ3EKF6802	M 68KOHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R812	ERJ3GEYJ683	M 68KOHM, J, 1/16W	1	
R813	ERJ3EKF4222	M42.2KOHM, 1/16W	1	
R814	ERJ3EKF1052	M10.5KOHM, 1/16W	1	
R819	ERJ3EKF6802	M 68KOHM, 1/16W	1	
R820	ERJ3GEYJ333	M 33KOHM, J, 1/16W	1	
R821	ERJ3EKF2432	M24.3KOHM, 1/16W	1	
R822	ERJ3EKF1052	M10.5KOHM, 1/16W	1	
R828	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R829	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R830	ERJ6ENF8451	M8.45KOHM, 1/10W	1	
R838	ERJ12YJ330	M 33 OHM, J, 1/2W	1	
R840	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	1	
R850	ER0S2CKF4701	M 4.7KOHM, F, 1/4W	1	
R851	ERDS2TJ332	C 3.3KOHM, J, 1/4W	1	
R852	ERDS2TJ473	C 47KOHM, J, 1/4W	1	
R853	ERDS2TJ471	C 470 OHM, J, 1/4W	1	
R854-60	ERDS2TJ122	C 1.2KOHM, J, 1/4W	7	
R862	ER0S2CHF7501	M 7.5KOHM, F, 1/4W	1	
R863	ER0S2CKF9100	M 910 OHM, F, 1/4W	1	
R1500	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R1510	ERJ3GEYF222	M 2.2KOHM, 1/16W	1	
R1511	ERJ3GEYF302	M 3.0KOHM, 1/16W	1	
R1512	ERJ3GEYF472	M 4.7KOHM, 1/16W	1	
R1513	ERJ3GEYF822	M 8.2KOHM, J, 1/16W	1	
R1550	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R1551	ERJ6GEYJ470	M 47 OHM, J, 1/10W	1	
R1552	ERJ6GEYJ224	M 220KOHM, J, 1/10W	1	
R1553	ERJ6GEYJ471	M 470 OHM, J, 1/10W	1	
R1554	ERJ6GEYJ271	M 270 OHM, J, 1/10W	1	
R1601	R5B100J	W 10 OHM, J, 5W	1	
R1602	ERC12UGK185	S 1.8MOHM, K, 1/2W	1	⚠
R1605-08	ERJ6ENF1213	M 121KOHM, 1/10W	4	
R1609	ERJ6GEYJ6R8	M 6.8 OHM, J, 1/10W	1	
R1610-15	RF5EJR27B	METAL PLATE RESISTOR	6	
R1616	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R1617	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R1618	ERJ12YJ470	M 47 OHM, J, 1/2W	1	
R1619	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R1620	ERJ6GEYJ154	M 150KOHM, J, 1/10W	1	
R1622	ERJ12YJ470	M 47 OHM, J, 1/2W	1	
R1623	ERQ14AJ330J	FUSIBLE METAL FILM RESISTOR	1	
R1624	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R1625	ERJ12YJ470	M 47 OHM, J, 1/2W	1	
R1626	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R1627	ERJ12YJ470	M 47 OHM, J, 1/2W	1	
R1628	ERJ6GEYJ183	M 18KOHM, J, 1/10W	1	
R1629	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R1630	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R1631-33	ERJ6GEYJ183	M 18KOHM, J, 1/10W	3	
R1634	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R1635	ER0S2CKF5363	M 536KOHM, F, 1/4W	1	
R1636-39	ERJ6ENF2493	M 249KOHM, 1/10W	4	
R1640, 41	ERJ6GEYJ154	M 150KOHM, J, 1/10W	2	
R1642, 43	ERJ6ENF5233	M 523KOHM, 1/10W	2	
R1644	ERJ6ENF5623	M 523KOHM, 1/10W	1	
R1645, 46	ERJ6GEYJ154	M 150KOHM, J, 1/10W	2	
R1701	ERC12UGK185	S 1.8MOHM, K, 1/2W	1	⚠
R1703	R5B100J	W 10 OHM, J, 5W	1	
R1704-06	ERJ6ENF1213	M 121KOHM, 1/10W	3	
R1707	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R1708	ERJ6ENF1213	M 121KOHM, 1/10W	1	
R1709-11	RF5EJR18B	F 0.18 OHM, J, 5W	3	
R1715	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R1716	ERJ12YJ470	M 47 OHM, J, 1/2W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1717	ERQ14AJ330J	FUSIBLE METAL FILM RESISTOR	1	
R1719	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R1722	ERJ6GEYJ154	M 150KOHM, J, 1/10W	1	
R1723	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R1725	ERJ12YJ470	M 47 OHM, J, 1/2W	1	
R1727-29	ERJ6GEYJ183	M 18KOHM, J, 1/10W	3	
R1731-33	ERJ6ENF2493	M 249KOHM, 1/10W	3	
R1740, 41	ERJ6ENF5233	M 523KOHM, 1/10W	2	
R1742	ERJ6ENF5623	M 523KOHM, 1/10W	1	
R1747	ERJ6GEYJ393	M 39KOHM, J, 1/10W	1	
R1749	ERJ6GEYJ393	M 39KOHM, J, 1/10W	1	
R1750, 51	ERJ6ENF2493	M 249KOHM, 1/10W	2	
R1752	ERJ6GEYJ183	M 18KOHM, J, 1/10W	1	
R1753	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R1754	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R1755	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R1756-59	ERJ6GEYJ154	M 150KOHM, J, 1/10W	4	
R1760	ERJ12YJ100	M 10 OHM, J, 1/2W	1	
R1761	ERJ6ENF2493	M 249KOHM, 1/10W	1	
R2351, 52	ERJ6GEYJ103	M 10KOHM, J, 1/10W	2	
R2353, 54	ERJ6GEYJ102	M 1KOHM, J, 1/10W	2	
R2355-60	ERDS1FJ2R2	C 2.2 OHM, J, 1/2W	6	
R2361, 62	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R2364	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2366	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2367, 68	ERJ3GEYJ560	M 56 OHM, J, 1/16W	2	
R2383	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R2384	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R2386	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R2387, 88	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R2389-92	ERJ6GEYJ103	M 10KOHM, J, 1/10W	4	
R2393	ERJ6GEYJ220	M 22 OHM, J, 1/10W	1	
R2394-96	ERJ6GEYJ103	M 10KOHM, J, 1/10W	3	
R2397	ERJ6GEYJ512	M 5.1KOHM, J, 1/10W	1	
R2398	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2399, 00	ERJ6GEYJ220	M 22 OHM, J, 1/10W	2	
R2404-07	ERJ6GEYJ103	M 10KOHM, J, 1/10W	4	
R2408-11	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
R2412	ERJ3GEYJ122	M 1.2KOHM, J, 1/16W	1	
R2413	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2414, 15	ERJ3GEYJ122	M 1.2KOHM, J, 1/16W	2	
R2416	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2417	ERJ3GEYJ122	M 1.2KOHM, J, 1/16W	1	
R2418, 19	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R2420	ERJ3GEYJ153	M 15KOHM, J, 1/16W	1	
R2421, 22	ERJ3GEYJ273	M 27KOHM, J, 1/16W	2	
R2423	ERJ3GEYJ153	M 15KOHM, J, 1/16W	1	
R2424, 25	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2427	ERJ6GEYJ562	M 5.6KOHM, J, 1/10W	1	
R3001	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R3001	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	1	
R3002	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R3003	ERJ3GEYJ473	M 47KOHM, J, 1/16W	1	
R3004	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R3005	ERJ6GEYJ184	M 180KOHM, J, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3006, 07	ERJ3GEYJ101	M 100 OHM, J, 1/16W	2	
R3014-17	ERJ3GEYJ103	M 10KOHM, J, 1/16W	4	
R3018, 19	ERJ3GEYJ101	M 100 OHM, J, 1/16W	2	
R3022	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R3022 02	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R3023	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R3024	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R3025	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R3025 02	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R3025 03	ERJ3GEYJ560	M 56 OHM, J, 1/16W	1	
R3026	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R3026 02	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R3026 03	ERJ3GEYJ560	M 56 OHM, J, 1/16W	1	
R3027-29	ERJ3GEYJ103	M 10KOHM, J, 1/16W	3	
R3030, 31	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3032, 33	ERJ3GEYJ101	M 100 OHM, J, 1/16W	2	
R3034, 35	ERJ3GEYJ331	M 330 OHM, J, 1/16W	2	
R3036	ERJ3GEYJ331	M 330 OHM, J, 1/16W	1	
R3036 02	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R3037	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3037 02	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R3038	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3039-41	ERJ3GEYJ331	M 330 OHM, J, 1/16W	3	
R3041 02	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3042	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3042 02	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3043	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R3044-47	ERJ3GEYJ103	M 10KOHM, J, 1/16W	4	
R3048	ERJ3GEYJ334	M 330KOHM, J, 1/16W	1	
R3049	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R3050	ERJ3GEYJ560	M 56 OHM, J, 1/16W	1	
R3051	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R3053, 54	ERJ3GEYJ560	M 56 OHM, J, 1/16W	2	
R3057, 58	ERJ3GEYJ560	M 56 OHM, J, 1/16W	2	
R3059	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R3061	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3062	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R3063	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R3064-69	ERJ6GEYJ560	M 56 OHM, J, 1/10W	6	
R3070-75	ERJ6ENF75R0	M 75 OHM, 1/10W	6	
R3076-81	ERJ6GEYJ560	M 56 OHM, J, 1/10W	6	
R3082	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R3083-87	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R3088-93	ERJ6ENF75R0	M 75 OHM, 1/10W	6	
R3094	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3095, 96	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	2	
R3101-03	ERJ3GEYJ470	M 47 OHM, J, 1/16W	3	
R3104	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R3105 02	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3105, 06	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3107, 08	ERJ6GEYJ560	M 56 OHM, J, 1/10W	2	
R3113	EXB38V220J	RESISTOR ARRAY	1	
R3114	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R3115	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R3116	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R3116 02	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R3117	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R3118	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R3118 02	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R3119	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R3119 02	EXB38V220J	RESISTOR ARRAY	1	
R3120	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R3120 02	EXB38V220J	RESISTOR ARRAY	1	
R3121	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3121 02	EXB38V220J	RESISTOR ARRAY	1	
R3122	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3122 02	EXB38V220J	RESISTOR ARRAY	1	
R3123	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3124	EXB38V220J	RESISTOR ARRAY	1	
R3125	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R3125 02	ERJ3EKF3900	M 390 OHM, 1/16W	1	
R3131	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R3132	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	1	
R3133	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R3134	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R3134 02	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	1	
R3135, 36	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	2	
R3137, 38	ERJ3GEYJ330	M 33 OHM, J, 1/16W	2	
R3139	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3140, 41	ERJ3GEYJ473	M 47KOHM, J, 1/16W	2	
R3142	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R3143	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R3143 02	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R3144	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R3144 02	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R3146-48	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	3	
R3150	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R3151	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R3151 02	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3152	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3153	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R3155, 56	ERJ3GEYJ330	M 33 OHM, J, 1/16W	2	
R3157	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R3160	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3160 02	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R3161	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3163	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R3163 02	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3166, 67	ERJ3GEYJ220	M 22 OHM, J, 1/16W	2	
R3168, 69	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	2	
R3173	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	1	
R3175	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	1	
R3178, 79	ERJ3GEYJ330	M 33 OHM, J, 1/16W	2	
R3181-86	ERJ3GEYJ103	M 10KOHM, J, 1/16W	6	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3188	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R3195, 96	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R3197, 98	ERJ3GEYJ123	M 12KOHM, J, 1/16W	2	
R3202, 03	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R3209	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R3210	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R3210	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3211	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R3211	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3212	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R3212	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3213	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R3213	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3214	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R3214	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3215	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R3215	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3216	ERJ6GEYJ3R3	M 3.3KOHM, J, 1/10W	1	
R3216	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3217	ERJ6GEYJ3R3	M 3.3KOHM, J, 1/10W	1	
R3217	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3218	ERJ6GEYJ3R3	M 3.3KOHM, J, 1/10W	1	
R3218	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3219	ERJ6GEYJ3R3	M 3.3KOHM, J, 1/10W	1	
R3219	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3220-28	ERJ3GEY0R00	M 0 OHM, 1/16W	9	
R3229	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R3230, 31	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R3400	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R3501	ERJ3GEYJ184	M 180KOHM, J, 1/16W	1	
R3502	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R3503	ERJ3GEYJ153	M 15KOHM, J, 1/16W	1	
R3504	ERJ3GEYJ333	M 33KOHM, J, 1/16W	1	
R3505	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R3506	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R3507	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R3508, 09	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	2	
R3510	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R3511	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R3511	ERJ3GEYJ184	M 180KOHM, J, 1/16W	1	
R3512	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R3513	ERJ3GEYJ153	M 15KOHM, J, 1/16W	1	
R3514	ERJ3GEYJ333	M 33KOHM, J, 1/16W	1	
R3515	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R3516	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R3517	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R3529, 30	ERJ6GEYJ184	M 180KOHM, J, 1/10W	2	
R3547, 48	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R3585, 86	ERJ6GEYJ560	M 56 OHM, J, 1/10W	2	
R3589	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R3590	ERJ6GEYJ560	M 56 OHM, J, 1/10W	1	
R3591-93	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R3653	ERJ6GEYJ153	M 15KOHM, J, 1/10W	1	
R3654	ERJ6GEYJ333	M 33KOHM, J, 1/10W	1	
R3655	ERJ6GEYJ153	M 15KOHM, J, 1/10W	1	
R3656	ERJ6GEYJ333	M 33KOHM, J, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3663, 64	ERJ6GEYJ102	M 1KOHM, J, 1/10W	2	
R3668	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R3672	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R3776, 77	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R3778	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R3790, 91	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R3901	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3902	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R3903-05	ERJ3GEYJ103	M 10KOHM, J, 1/16W	3	
R3906, 07	ERJ3GEYJ220	M 22 OHM, J, 1/16W	2	
R3911	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3913	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3915	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3931	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R3932, 33	ERJ3GEYJ330	M 33 OHM, J, 1/16W	2	
R3935	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4002, 03	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4004-11	ERJ3GEYJ103	M 10KOHM, J, 1/16W	8	
R4013-15	ERJ3GEYJ103	M 10KOHM, J, 1/16W	3	
R4016	D1HG1038A002	NETWORK RESISTER	1	
R4017	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4018	D1HG1038A002	NETWORK RESISTER	1	
R4020	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4021	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4024-33	D1HG1038A002	NETWORK RESISTER	10	
R4034-36	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R4038, 39	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4041, 42	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4043	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R4044	ERJ3EKF2001	M 2KOHM, 1/16W	1	
R4045	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4046	ERJ3GEYJ680	M 68 OHM, J, 1/16W	1	
R4047	ERJ3EKF4751	M 4.75KOHM, 1/16W	1	
R4048	ERJ3EKF75R0	M 0.75HM, 1/16W	1	
R4050	ERJ3EKF2001	M 2KOHM, 1/16W	1	
R4052	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4053, 54	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	2	
R4056-58	ERJ3GEYJ680	M 68 OHM, J, 1/16W	3	
R4059, 60	EXB2HV680J	RESISTOR ARRAY	2	
R4061-64	ERJ3GEYJ220	M 22 OHM, J, 1/16W	4	
R4065-69	ERJ3GEYJ680	M 68 OHM, J, 1/16W	5	
R4070	EXB2HV680J	RESISTOR ARRAY	1	
R4071	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R4072-75	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R4301	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R4302	ERJ3EKF6802	M 68KOHM, 1/16W	1	
R4303	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R4304	ERJ3EKF3902	M 39KOHM, 1/16W	1	
R4305	ERJ3EKF3302	M 33KOHM, 1/16W	1	
R4306	ERJ3EKF1601	M 1.6KOHM, 1/16W	1	
R4307	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R4308	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4310	ERJ3EKF5102	M51.0KOHM, 1/16W	1	
R4311	ERJ3EKF2002	M 20KOHM, 1/16W	1	
R4312	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4316	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R4317	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R4318	ERJ3GEY0R00	M 0 OHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4319	ERJ3EKF5102	M51.0KOHM, 1/16W	1	
R4320	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	
R4321	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4323	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R4324	ERJ3EKF5102	M51.0KOHM, 1/16W	1	
R4325	ERJ3EKF1302	M 13KOHM, 1/16W	1	
R4326	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4327, 28	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R4329	ERJ3EKF5602	M 56KOHM, 1/16W	1	
R4330	ERJ3EKF2002	M 20KOHM, 1/16W	1	
R4331	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R4332, 33	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4335	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R4336	ERJ3EKF4302	M 43KOHM, 1/16W	1	
R4337	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R4338	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R4339	ERJ3EKF1602	M16.0KOHM, 1/16W	1	PAVCCZ
R4340	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4341, 42	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R4344	ERJ6ENF1502	M 15KOHM, 1/10W	1	
R4345	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R4346	ERJ6ENF5102	M 51KOHM, 1/10W	1	
R4347	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R4348	ERJ3EKF4302	M 43KOHM, 1/16W	1	
R4349	ERJ3EKF3902	M 39KOHM, 1/16W	1	
R4350	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R4351, 52	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4353	ERJ3EKF3302	M 33KOHM, 1/16W	1	
R4354	ERJ3EKF2202	M 22KOHM, 1/16W	1	
R4355	ERJ3EKF5600	M 560 OHM, 1/16W	1	
R4356	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R4502	D1HG1038A002	NETWORK RESISTER	1	
R4504, 05	D1HG1038A002	NETWORK RESISTER	2	
R4506	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4508	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4510, 11	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4513, 14	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4516	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4518, 19	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4521	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4524, 25	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4527 - 29	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R4532 - 35	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R4537	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4542	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R4543 - 46	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R4547, 48	ERJ3GEYJ102	M 1KOHM, J, 1/16W	2	
R4552 - 55	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R4556, 57	D1HG1038A002	NETWORK RESISTER	2	
R4558 - 60	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R4561	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4562	EXB2HV470JV	RESISTOR ARRAY	1	
R4563, 64	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R4565	EXB2HV470JV	RESISTOR ARRAY	1	
R4566, 67	ERJ3EKF1001	M 1KOHM, 1/16W	2	
R4568	ERJ3EKF1101	M 1.1KOHM, 1/16W	1	
R4569	ERJ3EKF3161	M3.16KOHM, 1/16W	1	
R4570, 71	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4572	EXB2HV470JV	RESISTOR ARRAY	1	
R4573, 74	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R4575 - 77	D1HG33080001	NETWORK RESISTER	3	
R4578 - 80	ERJ3GEYJ470	M 47 OHM, J, 1/16W	3	
R4581 - 84	D1HG33080001	NETWORK RESISTER	4	
R4585 - 88	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R4589	ERJ3GEYJ121	M 120 OHM, J, 1/16W	1	
R4590, 91	ERJ3EKF1001	M 1KOHM, 1/16W	2	
R4592 - 94	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	3	
R4595	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R4596 - 01	EXB2HV220JV	RESISTOR ARRAY	6	
R4602 - 05	ERJ3GEYJ220	M 22 OHM, J, 1/16W	4	
R4606	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4607 - 10	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R4701, 02	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4703	ERJ3GEYJ100	M 10 OHM, J, 1/16W	1	
R4704	EXB28V103JX	RESISTOR ARRAY	1	
R4705	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	1	
R4706	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4707	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	1	
R4708	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	1	
R4709, 10	ERJ3GEYJ101	M 100 OHM, J, 1/16W	2	
R4711	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4712	ERJ3GEYJ100	M 10 OHM, J, 1/16W	1	
R4713	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4714	D1HG1008A002	NETWORK RESISTER	1	
R4715	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4716	D1HG1008A002	NETWORK RESISTER	1	
R4718	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4719	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4720	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4721, 22	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R4725	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	1	
R4726	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4727	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4729	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4730	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4737	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4738	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4740	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4745	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4749	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4751	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4753	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4757	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4759	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4761, 62	D1HG1008A002	NETWORK RESISTER	2	
R4763, 64	ERJ3GEYJ220	M 22 OHM, J, 1/16W	2	
R4766	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4768	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4770	EXB28V100JX	RESISTOR ARRAY	1	PAVCCZ
R4772, 73	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R477 - 79	ERJ6ENF1302	M 13KOHM, 1/10W	3	
R4788	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4791	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4793	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4795	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R4797	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	1	
R4799	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R4800	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4802	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R4804	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	1	
R4806	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R4809	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	1	
R4811, 12	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4819	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4820	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4821	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R4822	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4823	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R4824	ERJ3GEYJ473	M 47KOHM, J, 1/16W	1	
R4825, 26	EXB2HV470JV	RESISTOR ARRAY	2	
R4827	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R4828	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	1	
R4829	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R4830	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	1	
R4831	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4832	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4833	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R4834	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4836	ERJ3GEYJ393	M 39KOHM, J, 1/16W	1	
R4837	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4838	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4839, 40	ERJ3GEYJ101	M 100 OHM, J, 1/16W	2	
R4841	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4843	EXB28V103JX	RESISTOR ARRAY	1	
R4844-46	ERJ3GEYJ101	M 100 OHM, J, 1/16W	3	
R4847	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R4848	ERJ3GEYJ123	M 12KOHM, J, 1/16W	1	
R4849	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4850	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4858	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	1	
R4860	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4861	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	1	
R4862	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4863, 64	ERJ3GEYJ101	M 100 OHM, J, 1/16W	2	
R4865, 66	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R4867	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4868	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4869	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4871, 72	ERJ3GEYJ101	M 100 OHM, J, 1/16W	2	
R4873	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4874	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R4875, 76	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R4877	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R4878	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4879	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R4880	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4881	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4882	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4883	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R4884	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4885	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R4886	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4887	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4888	ERJ3GEYJ473	M 47KOHM, J, 1/16W	1	
R4889	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4890	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R4891	ERJ3GEYJ473	M 47KOHM, J, 1/16W	1	
R4892	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4893	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R4894	ERJ3GEYJ473	M 47KOHM, J, 1/16W	1	
R4895	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4896, 97	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	2	
R4898	ERJ3GEYJ331	M 330 OHM, J, 1/16W	1	
R4899	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4900	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R4902	ERJ3GEYJ392	M 3.9KOHM, J, 1/16W	1	
R4903	ERJ3GEYJ682	M 6.8KOHM, J, 1/16W	1	
R4904, 05	ERJ3GEYJ102	M 1KOHM, J, 1/16W	2	
R4906	ERJ3GEYJ123	M 12KOHM, J, 1/16W	1	
R4907	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R4908	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4909	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4911, 12	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R4914	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4917	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4918	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	1	
R4919	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4922	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4923	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	1	
R4924, 25	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R4927	ERJ3GEYJ682	M 6.8KOHM, J, 1/16W	1	
R4928	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4929	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4941	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R4942, 43	ERJ3GEYJ223	M 22KOHM, J, 1/16W	2	
R4945	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4947	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R4977	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4978	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4979	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	1	
R4980	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4982	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	1	
R4988	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4989	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4990	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4991	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4992	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4993, 94	ERJ3GEYJ101	M 100 OHM, J, 1/16W	2	
R4995, 96	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4997	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4998	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4999	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R5001	EXB2HV470JV	RESISTOR ARRAY	1	
R5003-05	EXB2HV470JV	RESISTOR ARRAY	3	
R5007	EXB2HV470JV	RESISTOR ARRAY	1	
R5009	EXB2HV470JV	RESISTOR ARRAY	1	
R5010	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5012	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5014	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5016	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5018	EXB2HV470JV	RESISTOR ARRAY	1	
R5020	EXB2HV470JV	RESISTOR ARRAY	1	
R5022	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	1	
R5023-25	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R5026	EXB28V470JX	RESISTOR ARRAY	1	
R5027	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5029	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5031	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5039	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5045	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5049	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5051	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5053	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5056	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5058	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5059	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5060	EXB2HV470JV	RESISTOR ARRAY	1	
R5062	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5070	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5072	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R5073	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R5074	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R5075	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5076-84	ERJ3GEYJ101	M 100 OHM, J, 1/16W	9	
R5085-89	EXB2HV470JV	RESISTOR ARRAY	5	
R5090-92	ERJ3GEYJ470	M 47 OHM, J, 1/16W	3	
R509-12	ERJ6ENF8253	M 825KOHM, 1/10W	4	
R5093, 94	EXB2HV470JV	RESISTOR ARRAY	2	
R5095	EXB28V470JX	RESISTOR ARRAY	1	
R5111-13	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R5119-29	ERJ3GEYJ101	M 100 OHM, J, 1/16W	11	
R5130, 31	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R5135	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5138-40	ERJ3GEYJ103	M 10KOHM, J, 1/16W	3	
R514, 15	ERJ6ENF8253	M 825KOHM, 1/10W	2	
R5142	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	1	
R5143-52	ERJ3GEYJ101	M 100 OHM, J, 1/16W	10	
R5153, 54	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R5155	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5156, 57	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R5160	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5161, 62	ERJ3GEYJ220	M 22 OHM, J, 1/16W	2	
R5163	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5165-67	ERJ3GEYJ103	M 10KOHM, J, 1/16W	3	
R5168	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5169	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R5170	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5171, 72	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R5173	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5174	EXB2HV470JV	RESISTOR ARRAY	1	
R5175	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5176	EXB2HV470JV	RESISTOR ARRAY	1	
R5177	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5178	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5179	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5181	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5182	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5183-87	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R5189-92	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R5194-97	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R5198	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5200	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5201	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5204	EXB2HV220JV	RESISTOR ARRAY	1	
R5205	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5207	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R5208	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5211	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R5212	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5214	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	1	
R5215	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5216	EXB2HV220JV	RESISTOR ARRAY	1	
R5217	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5218-20	ERJ3GEYJ470	M 47 OHM, J, 1/16W	3	
R5221	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R5222	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5224, 25	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R5226	EXB2HV470JV	RESISTOR ARRAY	1	
R5227	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R5228-30	EXB2HV470JV	RESISTOR ARRAY	3	
R5231	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5232, 33	EXB2HV470JV	RESISTOR ARRAY	2	
R5234	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5235	EXB2HV470JV	RESISTOR ARRAY	1	
R5236	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5237, 38	EXB2HV470JV	RESISTOR ARRAY	2	
R5239	EXB28V470JX	RESISTOR ARRAY	1	
R5240, 41	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R5242	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5243	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5245	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5246	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5248, 49	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R5250	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5252	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5253-75	ERJ3GEYJ470	M 47 OHM, J, 1/16W	23	
R5276	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5277	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5278	EXB2HV470JV	RESISTOR ARRAY	1	
R5280	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5282	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R528-30	ERJ6ENF2703	M 270KOHM, 1/10W	3	
R5284	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5285-92	EXB2HV470JV	RESISTOR ARRAY	8	
R5294, 95	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R5296	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5297, 98	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R5300	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5301	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5302-25	ERJ3EKF1200	M 120 OHM, 1/16W	24	
R5326	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5327	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5330	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5331	ERJ3EKF1690	M 169 OHM, 1/16W	1	
R5333	EXB28V470JX	RESISTOR ARRAY	1	
R5334-36	ERJ3GEYJ470	M 47 OHM, J, 1/16W	3	
R5337, 38	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R5339-42	ERJ3GEYJ470	M 47 OHM, J, 1/16W	4	
R5343-50	EXB2HV470JV	RESISTOR ARRAY	8	
R5351, 52	ERJ3EKF1690	M 169 OHM, 1/16W	2	
R5353	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5356-61	ERJ3EKF1690	M 169 OHM, 1/16W	6	
R5363	ERJ3EKF1690	M 169 OHM, 1/16W	1	
R5365	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R5366-68	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R5369, 70	ERJ3EKF1690	M 169 OHM, 1/16W	2	
R5371	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5372, 73	EXB2HV470JV	RESISTOR ARRAY	2	
R5374	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R5375	EXB2HV220JV	RESISTOR ARRAY	1	
R5376-83	ERJ3GEYJ220	M 22 OHM, J, 1/16W	8	
R5384	EXB2HV220JV	RESISTOR ARRAY	1	
R5385, 86	ERJ3GEYJ220	M 22 OHM, J, 1/16W	2	
R5387	EXB2HV220JV	RESISTOR ARRAY	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R5388-90	ERJ3GEYJ220	M 22 OHM, J, 1/16W	3	
R5391	EXB2HV220JV	RESISTOR ARRAY	1	
R5392-98	ERJ3GEYJ220	M 22 OHM, J, 1/16W	7	
R5400	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R5401	ERJ3GEYJ152	M 1.5KOHM, J, 1/16W	1	
R5402, 03	ERJ3GEYJ101	M 100 OHM, J, 1/16W	2	
R5404, 05	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R5408-10	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R5411	EXB2HV220JV	RESISTOR ARRAY	1	
R5412, 13	ERJ3GEYJ220	M 22 OHM, J, 1/16W	2	
R5414	EXB2HV220JV	RESISTOR ARRAY	1	
R5415	EXB28V220J	RESISTOR ARRAY	1	
R5416	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5417	EXB2HV220JV	RESISTOR ARRAY	1	
R5418	ERJ3GEYJ100	M 10 OHM, J, 1/16W	1	
R5419, 20	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R5421-23	ERJ3GEYJ103	M 10KOHM, J, 1/16W	3	
R5424-26	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R5427	ERJ3GEYJ182	M 1.8KOHM, J, 1/16W	1	
R5429	ERJ3GEYJ912	M 9.31KOHM, J, 1/16W	1	
R5430	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5431-33	ERJ3GEYJ101	M 100 OHM, J, 1/16W	3	
R5434	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5435	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5436, 37	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R5438	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5442, 43	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R5444-46	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R5447	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5448	ERJ6ENF3002	M 30KOHM, 1/10W	1	
R5449	ERJ6ENF4302	M 43KOHM, 1/10W	1	
R5451	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5452	ERJ6ENF4302	M 43KOHM, 1/10W	1	
R5453	ERJ6ENF3002	M 30KOHM, 1/10W	1	
R5455-58	ERJ3GEYJ220	M 22 OHM, J, 1/16W	4	
R5459, 60	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R5461, 62	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R5463	ERJ3GEYJ680	M 68 OHM, J, 1/16W	1	
R5464	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R5469, 70	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R5471, 72	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R5502, 03	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R5508, 09	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R5510, 11	EXB28V103JX	RESISTOR ARRAY	2	
R5512	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5514, 15	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R5518-25	EXB2HV470JV	RESISTOR ARRAY	8	
R5526	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5527, 28	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R5529	D1HG1038A002	NETWORK RESISTER	1	
R5530	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5532	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5535, 36	D1HG1038A002	NETWORK RESISTER	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R5537	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5539	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5541	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5701	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5703	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5704, 05	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R5708	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R5709-13	ERJ3GEYJ470	M 47 OHM, J, 1/16W	5	
R5717	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R5801-04	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R5805, 06	ERJ3GEYJ223	M 22KOHM, J, 1/16W	2	
R5809	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5810	ERJ3GEYJ223	M 22KOHM, J, 1/16W	1	
R5813, 14	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R5815	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5816	ERJ3GEYJ223	M 22KOHM, J, 1/16W	1	
R6001	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	1	
R6003	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	1	
R6005	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	1	
R6007	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	1	
R6009	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	1	
R6011	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	1	
R6013	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	1	
R6015	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	1	
R6020	ERG3FJS680D	M 68 OHM, J, 3W	1	
R6021	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	1	
R6022	ERG3FJS680D	M 68 OHM, J, 3W	1	
R6024	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	1	
R6026	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	1	
R6028	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	1	
R6030	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	1	
R6031, 32	ERJ6ENF8202	M 82KOHM, 1/10W	2	
R6033	ERJ6ENF5602	M 56KOHM, 1/10W	1	
R6034	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R6036	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	1	
R6038	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	1	
R6040, 41	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	2	
R6043	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	1	
R6045	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	1	
R6047	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	1	
R6051	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	1	
R6053	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	1	
R6055	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	1	
R6057	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	1	
R6061	ERJ6GEYJ224	M 220KOHM, J, 1/10W	1	
R6078	ERJ6GEYJ224	M 220KOHM, J, 1/10W	1	
R6102	D0GD101JA059	M 100 OHM, J, 0.25W	1	
R6104	D0GD101JA059	M 100 OHM, J, 0.25W	1	
R6106	D0GD101JA059	M 100 OHM, J, 0.25W	1	
R6108	D0GD101JA059	M 100 OHM, J, 0.25W	1	
R6109	D0GD100JA059	M 10 OHM, J, 0.25W	1	
R6110	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6111, 12	D0GD470JA059	M 47 OHM, J, 0.25W	2	
R6113	ERJ14YJ224	M 220KOHM, J, 1/4W	1	
R6114	D0GD470JA059	M 47 OHM, J, 0.25W	1	
R6116	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R6117	D0GD101JA059	M 100 OHM, J, 0.25W	1	
R6119	D0GD101JA059	M 100 OHM, J, 0.25W	1	
R6120	D0GD470JA059	M 47 OHM, J, 0.25W	1	
R6125	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6126-28	ERJ6GEYJ563	M 56KOHM, J, 1/10W	3	
R6129	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R6131, 32	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R6133	D0GD100JA059	M 10 OHM, J, 0.25W	1	
R6134	D0GD750JA059	M 75 OHM, J, 0.25W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6135-39	D0GD100JA059	M 10 OHM, J, 0.25W	5	
R6140-44	ERJ6GEYJ103	M 10KOHM, J, 1/10W	5	
R6146-49	ERJ6GEYJ103	M 10KOHM, J, 1/10W	4	
R6151, 52	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R6153	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6154	D0GD750JA059	M 75 OHM, J, 0.25W	1	
R6157-60	D0GF1R0JA047	M 1.0 OHM, J, 0.33W	4	
R6164, 65	ERJ6GEYJ103	M 10KOHM, J, 1/10W	2	
R6166	D0GD100JA059	M 10 OHM, J, 0.25W	1	
R6167, 68	ERJ6GEYJ103	M 10KOHM, J, 1/10W	2	
R6169	D0GD100JA059	M 10 OHM, J, 0.25W	1	
R6170	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6171	D0GD100JA059	M 10 OHM, J, 0.25W	1	
R6172, 73	ERJ6GEYJ103	M 10KOHM, J, 1/10W	2	
R6174	D0GD100JA059	M 10 OHM, J, 0.25W	1	
R6175-77	ERJ6GEYJ103	M 10KOHM, J, 1/10W	3	
R6181	D0GD100JA059	M 10 OHM, J, 0.25W	1	
R6182, 83	ERJ6GEYJ103	M 10KOHM, J, 1/10W	2	
R6184	D0GD100JA059	M 10 OHM, J, 0.25W	1	
R6185, 86	ERJ6GEYJ103	M 10KOHM, J, 1/10W	2	
R6191, 92	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R6193	D0GD510JA059	M 51 OHM, J, 0.25W	1	
R6195, 96	D0GD104JA059	M 100KOHM, J, 0.25W	2	
R6213	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R6214	D0GD151JA059	M 150 OHM, J, 0.25W	1	
R6215	D0GD100JA059	M 10 OHM, J, 0.25W	1	
R6216, 17	ERJ6GEYJ103	M 10KOHM, J, 1/10W	2	
R6218-21	ERDS2TC0	C 0 OHM, 1/4W	4	
R6222	ERG1FJS472D	M 4.7KOHM, J, 1W	1	
R6223	ERG2FJS123D	M 12KOHM, J, 2W	1	
R6225	D1BD4532A028	M45.3KOHM, 1/10W	1	
R6226, 27	ERJ6ENF5102	M 51KOHM, 1/10W	2	
R6232	ERJ6ENF2491	M2.49KOHM, 1/10W	1	
R6233	ERJ14YJ154	M 150KOHM, J, 1/4W	1	
R6234	ERJ6GEYJ183	M 18KOHM, J, 1/10W	1	
R6235-40	D0GD100JA059	M 10 OHM, J, 0.25W	6	
R6241	EXB38V470J	RESISTOR ARRAY	1	
R6242	EXB38V472J	RESISTOR ARRAY	1	
R6243	EXB38V470J	RESISTOR ARRAY	1	
R6244	EXB38V472J	RESISTOR ARRAY	1	
R6251	D0GD103JA059	M 10KOHM, J, 0.25W	1	
R6252, 53	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6254	ERJ6ENF6801	M 6.8KOHM, 1/10W	1	
R6255	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6256	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	
R6257	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6258	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R6261	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R6282	ERG2FJS150D	M 15 OHM, J, 2W	1	
R6284	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R6286	D0GD101JA059	M 100 OHM, J, 0.25W	1	
R6287	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6288	ERJ6ENF4991	M4.99KOHM, 1/10W	1	
R6289	ERJ6ENF2491	M2.49KOHM, 1/10W	1	
R6291	ERJ6ENF2491	M2.49KOHM, 1/10W	1	
R6401-08	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	8	
R6421-28	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	8	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6437, 38	ERJ6GEYJ103	M 10KOHM, J, 1/10W	2	
R6441-44	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	4	
R6451-55	D0GF7R5JA047	M 7.5 OHM, J, 0.33W	5	
R6465	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R6466	ERJ6ENF5602	M 56KOHM, 1/10W	1	
R6467, 68	ERJ6ENF8202	M 82KOHM, 1/10W	2	
R6471	ERJ6GEYJ392	M 3.9KOHM, J, 1/10W	1	
R6472	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R6473	ERJ6GEYJ561	M 560 OHM, J, 1/10W	1	
R6474	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R6475, 76	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	2	
R6477	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R6501, 02	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R6503	D0GD100JA059	M 10 OHM, J, 0.25W	1	
R6504	D0GD750JA059	M 75 OHM, J, 0.25W	1	
R6506	D0GD100JA059	M 10 OHM, J, 0.25W	1	
R6507-09	D0GF1R0JA047	M 1.0 OHM, J, 0.33W	3	
R6511, 12	ERJ6GEYJ103	M 10KOHM, J, 1/10W	2	
R6513	D0GD100JA059	M 10 OHM, J, 0.25W	1	
R6514-17	ERJ6GEYJ103	M 10KOHM, J, 1/10W	4	
R6518	D0GD100JA059	M 10 OHM, J, 0.25W	1	
R6519, 20	ERJ6GEYJ103	M 10KOHM, J, 1/10W	2	
R6521, 22	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R6523	D0GD750JA059	M 75 OHM, J, 0.25W	1	
R6527	D0GD100JA059	M 10 OHM, J, 0.25W	1	
R6528	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6529	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R6530, 31	D0GD100JA059	M 10 OHM, J, 0.25W	2	
R6532-34	ERJ6GEYJ103	M 10KOHM, J, 1/10W	3	
R6535	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R6536	D0GD100JA059	M 10 OHM, J, 0.25W	1	
R6537, 38	ERJ6GEYJ103	M 10KOHM, J, 1/10W	2	
R6539	D0GD100JA059	M 10 OHM, J, 0.25W	1	
R6540, 41	ERJ6GEYJ103	M 10KOHM, J, 1/10W	2	
R6542	D0GD100JA059	M 10 OHM, J, 0.25W	1	
R6551	D0GD100JA059	M 10 OHM, J, 0.25W	1	
R6552, 53	ERJ6GEYJ103	M 10KOHM, J, 1/10W	2	
R6554	D0GD100JA059	M 10 OHM, J, 0.25W	1	
R6555, 56	ERJ6GEYJ103	M 10KOHM, J, 1/10W	2	
R6561-64	EXB38V470J	RESISTOR ARRAY	4	
R6565-68	EXB38V472J	RESISTOR ARRAY	4	
R6581	D0GD103JA059	M 10KOHM, J, 0.25W	1	
R6582, 83	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6584	ERJ6ENF7501	M 7.5KOHM, 1/10W	1	
R6585, 86	ERJ6ENF1501	M 1.5KOHM, 1/10W	2	
R6587	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R6588	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6590	ERJ6GEYJ221	M 220 OHM, J, 1/10W	1	
R6591	EXB38V472J	RESISTOR ARRAY	1	
R6592	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R6603	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R6604	D0GD151JA059	M 150 OHM, J, 0.25W	1	
R6605	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R6606	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6607	D1BD2871A027	M 2.87KOHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6608, 09	D0GF102JA047	M 1.0 KOHM, J, 0.33W	2	
R6610	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R6611	ERJ6GEYJ105	M 1MOHM, J, 1/10W	1	
R6612	D0GD470JA059	M 47 OHM, J, 0.25W	1	
R6613	ERJ6GEYJ105	M 1MOHM, J, 1/10W	1	
R6614, 15	D0GF113JA047	M 11 KOHM, J, 0.33W	2	
R6616	ERJ6ENF1502	M 15KOHM, 1/10W	1	
R6617	ERJ6GEYJ224	M 220KOHM, J, 1/10W	1	
R6618	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R6619	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	
R6620	D0D28R2JA021	M 8.2 OHM, J, 2W	1	
R6622, 23	ERJ6GEYJ221	M 220 OHM, J, 1/10W	2	
R6625-27	ERJ6GEYJ221	M 220 OHM, J, 1/10W	3	
R6630	D0GF113JA047	M 11 KOHM, J, 0.33W	1	
R6631	ERJ6GEYJ683	M 68KOHM, J, 1/10W	1	
R6632	ERJ6GEYJ392	M 3.9KOHM, J, 1/10W	1	
R6633	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R6641-49	ERJ6GEYJ101	M 100 OHM, J, 1/10W	9	
R6651-57	ERJ6GEYJ101	M 100 OHM, J, 1/10W	7	
R6658	D0D1101JA009	M 100 OHM, J, 1W	1	
R6659, 60	ERJ6GEYJ224	M 220KOHM, J, 1/10W	2	
R6661	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R6662	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
R6664	D0GF222JA047	M 2.2 KOHM, J, 0.33W	1	
R6665	D0GD470JA059	M 47 OHM, J, 0.25W	1	
R6666	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R6667, 68	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	2	
R6669, 70	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R6671	D0GD470JA059	M 47 OHM, J, 0.25W	1	
R6672	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6673-77	D0GD5R6JA059	M 5.6 OHM, J, 0.25W	5	
R6679	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R6682	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R6683	D0GD151JA059	M 150 OHM, J, 0.25W	1	
R6684	D0GD100JA059	M 10 OHM, J, 0.25W	1	
R6685	ERJ6GEYJ471	M 470 OHM, J, 1/10W	1	
R6686	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6687	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R6688	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R6689	D0GD100JA059	M 10 OHM, J, 0.25W	1	
R6690	ERJ6GEYJ151	M 150 OHM, J, 1/10W	1	
R6691	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6696, 97	ERF5TK2R2	W 2.2 OHM, K, 5W	2	
R6700-08	ERJ6GEYJ471	M 470 OHM, J, 1/10W	9	
R6710-18	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	9	
R6721, 22	EXB38V220J	RESISTOR ARRAY	2	
R6723	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R6724	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R6742	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6743	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R6744	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6745	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R6746, 47	D0GD103JA059	M 10KOHM, J, 0.25W	2	
R6755	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R6756	D0GF330JA047	M 33 OHM, J, 0.33W	1	
R6759	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R6760	ERJ6GEYJ122	M 1.2KOHM, J, 1/10W	1	
R6761	D0GD100JA059	M 10 OHM, J, 0.25W	1	
R6762	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6763	D0GD100JA059	M 10 OHM, J, 0.25W	1	
R6764	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6775, 76	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R6777	D0GD151JA059	M 150 OHM, J, 0.25W	1	
R6781	D0GD470JA059	M 47 OHM, J, 0.25W	1	
R6782	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6783	D0GD470JA059	M 47 OHM, J, 0.25W	1	
R6784	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6791	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R6792	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6793	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R6801	ERX3FJS8R2D	M 8.2 OHM, J, 3W	1	
R6802	ERG2FJS683D	M 68KOHM, J, 2W	1	
R6803	ERG2FJS563D	M 56KOHM, J, 2W	1	
R6806, 07	ERX12SJ1R2	M 1.2 OHM, J, 1/2W	2	
R6808	D0GD272JA059	M 2.7KOHM, J, 0.25W	1	
R6809	ERJ12YJ103	M 10KOHM, J, 1/2W	1	
R6810, 11	ERJ6GEYJ333	M 33KOHM, J, 1/10W	2	
R6812	ERJ6ENF2003	M 200KOHM, 1/10W	1	
R6813	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R6814	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R6816, 17	ERJ6ENF5601	M 5.6KOHM, 1/10W	2	
R6818	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6819	ERJ6GEYJ681	M 680 OHM, J, 1/10W	1	
R6820	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6821	ERG2FJS221D	M 220 OHM, J, 2W	1	
R6822	ERJ12YJ104U	M 100KOHM, 1/2W	1	
R6823	ERG1FJS104D	M 100KOHM, J, 1W	1	
R6824	ERJ6GEYJ562	M 5.6KOHM, J, 1/10W	1	
R6825	ERJ6ENF2703	M 270KOHM, 1/10W	1	
R6826	ERJ6ENF2203	M 220KOHM, 1/10W	1	
R6827	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
R6828	ERJ6ENF5231	M 5.23KOHM, 1/10W	1	
R6829, 30	ERJ6GEYJ224	M 220KOHM, J, 1/10W	2	
R6831	ERJ6GEYJ153	M 15KOHM, J, 1/10W	1	
R6832	D0GF4R7JA047	M 4.7 OHM, J, 0.33W	1	
R6833-36	ERJ6ENF5102	M 51KOHM, 1/10W	4	
R6837	ERJ6ENF5602	M 56KOHM, 1/10W	1	
R6839	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R6841	ERJ12YJ153U	M 15KOHM, 1/2W	1	
R6842	ERJ12YJ433U	M 43KOHM, 1/2W	1	
R6843	ERJ6GEYJ623	M 62KOHM, J, 1/10W	1	
R6844	D0D2101JA021	M 100 OHM, J, 2W	1	
R6845	ERJ6GEYJ623	M 62KOHM, J, 1/10W	1	
R6846, 47	ERJ6GEYJ563	M 56KOHM, J, 1/10W	2	
R6848	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6849, 50	ERJ6ENF6802	M 68KOHM, 1/10W	2	
R6851	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6852	ERJ6ENF2491	M 2.49KOHM, 1/10W	1	
R6853	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R6858	D0GD102JA059	M 1.0KOHM, J, 0.25W	1	
R6860	D0D28R2JA021	M 8.2 OHM, J, 2W	1	
R6861	ERJ6ENF3902	M 39KOHM, 1/10W	1	
R6862, 63	ERJ6ENF4702	M 47KOHM, 1/10W	2	
R6864	ERJ6ENF8871	M 8.87KOHM, 1/10W	1	
R6865, 66	ERJ6ENF2201	M 2.2KOHM, 1/10W	2	
R6867	ERJ6GEYJ392	M 3.9KOHM, J, 1/10W	1	
R6868	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R6869	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R6870	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6871-73	ERJ6ENF3902	M 39KOHM, 1/10W	3	
R6874	D1BD9531A027	M 9053KOHM, 1/10W	1	
R6875	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R6876	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6877	ERJ6GEYJ392	M 3.9KOHM, J, 1/10W	1	
R6878	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6879	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R6886-88	ERJ6GEYJ224	M 220KOHM, J, 1/10W	3	
R6891	ERJ6GEYJ332	M 3.3KOHM, J, 1/10W	1	
R6901	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R6902-17	ERJ6GEYJ221	M 220 OHM, J, 1/10W	16	
R6918	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R6920	EXB38V220J	RESISTOR ARRAY	1	
R6921	EXB38V103J	RESISTOR ARRAY	1	
R6922	EXB38V220J	RESISTOR ARRAY	1	
R6924	EXB38V103J	RESISTOR ARRAY	1	
R6938, 39	ERJ8GEYJ224	M 220KOHM, J, 1/8W	2	
R6948, 49	ERJ8GEYJ224	M 220KOHM, J, 1/8W	2	
R6951	EXB38V220J	RESISTOR ARRAY	1	
R6952	EXB38V103J	RESISTOR ARRAY	1	
R6953	EXB38V220J	RESISTOR ARRAY	1	
R6954	EXB38V103J	RESISTOR ARRAY	1	
R6963, 64	ERJ8GEYJ224	M 220KOHM, J, 1/8W	2	
R7001-04	ERJ3GEYJ220	M 22 OHM, J, 1/16W	4	
R7101	D0GF103JA047	M 10 KOHM, J, 0.33W	1	
R7104	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7107	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7108-15	D0GZ6R8JA020	M 6.8 OHM, J, 0.5W	8	
R7116, 17	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R7123, 24	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R7125-32	D0GZ6R8JA020	M 6.8 OHM, J, 0.5W	8	
R7133-35	ERJ3GEYJ470	M 47 OHM, J, 1/16W	3	
R7136-39	D0GZ6R8JA020	M 6.8 OHM, J, 0.5W	4	
R7140	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7143-45	EXB38V681J	RESISTOR ARRAY	3	
R7146, 47	EXB38V470J	RESISTOR ARRAY	2	
R7148, 49	EXB38V681J	RESISTOR ARRAY	2	
R7150, 51	EXB38V470J	RESISTOR ARRAY	2	
R7152, 53	EXB38V681J	RESISTOR ARRAY	2	
R7154, 55	EXB38V470J	RESISTOR ARRAY	2	
R7156	EXB38V681J	RESISTOR ARRAY	1	
R7157-60	EXB38V470J	RESISTOR ARRAY	4	
R7186	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R7187	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R7191	EXB38V681J	RESISTOR ARRAY	1	
R7193	EXB38V681J	RESISTOR ARRAY	1	
R7194-99	ERJ3GEYJ220	M 22 OHM, J, 1/16W	6	
R7200-07	D0GZ6R8JA020	M 6.8 OHM, J, 0.5W	8	
R7208, 09	EXB38V470J	RESISTOR ARRAY	2	
R7210	EXB38V681J	RESISTOR ARRAY	1	
R7211	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7212	EXB38V681J	RESISTOR ARRAY	1	
R7213, 14	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R7217, 18	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R7221, 22	EXB38V470J	RESISTOR ARRAY	2	
R7223-26	D0GZ6R8JA020	M 6.8 OHM, J, 0.5W	4	
R7227, 28	EXB38V470J	RESISTOR ARRAY	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7229, 30	EXB38V681J	RESISTOR ARRAY	2	
R7231	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7232, 33	EXB38V470J	RESISTOR ARRAY	2	
R7234	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7235, 36	EXB38V681J	RESISTOR ARRAY	2	
R7237, 38	D0GZ6R8JA020	M 6.8 OHM, J, 0.5W	2	
R7239, 40	EXB38V470J	RESISTOR ARRAY	2	
R7241, 42	D0GZ6R8JA020	M 6.8 OHM, J, 0.5W	2	
R7243	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7244	EXB38V470J	RESISTOR ARRAY	1	
R7245	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7246, 47	EXB38V470J	RESISTOR ARRAY	2	
R7248	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7249, 50	D0GZ6R8JA020	M 6.8 OHM, J, 0.5W	2	
R7251, 52	EXB38V470J	RESISTOR ARRAY	2	
R7253, 54	D0GZ6R8JA020	M 6.8 OHM, J, 0.5W	2	
R7255	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7256-58	EXB38V681J	RESISTOR ARRAY	3	
R7259-64	EXB38V470J	RESISTOR ARRAY	6	
R7266-75	EXB38V681J	RESISTOR ARRAY	10	
R7276	EXB38V102J	RESISTOR ARRAY	1	
R7283	EXB38V681J	RESISTOR ARRAY	1	
R7284	EXB38V102J	RESISTOR ARRAY	1	
R7285	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R7286	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R7287-96	ERJ3GEYJ220	M 22 OHM, J, 1/16W	10	
R7302	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7303, 04	EXB38V470J	RESISTOR ARRAY	2	
R7305-10	EXB38V681J	RESISTOR ARRAY	6	
R7311, 12	EXB38V470J	RESISTOR ARRAY	2	
R7313, 14	EXB38V681J	RESISTOR ARRAY	2	
R7315, 16	EXB38V470J	RESISTOR ARRAY	2	
R7317, 18	EXB38V681J	RESISTOR ARRAY	2	
R7319, 20	EXB38V470J	RESISTOR ARRAY	2	
R7321, 22	ERJ3GEYJ220	M 22 OHM, J, 1/16W	2	
R7323, 24	EXB38V470J	RESISTOR ARRAY	2	
R7325, 26	ERJ3GEYJ220	M 22 OHM, J, 1/16W	2	
R7330	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7331-34	D0GZ6R8JA020	M 6.8 OHM, J, 0.5W	4	
R7335	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7336	D0GF103JA047	M 10 KOHM, J, 0.33W	1	
R7354, 55	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R7358-65	D0GZ6R8JA020	M 6.8 OHM, J, 0.5W	8	
R7366, 67	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R7373, 74	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R7375-82	D0GZ6R8JA020	M 6.8 OHM, J, 0.5W	8	
R7383, 84	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R7385	ERJ3GEY0R00	M 0 OHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7386	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R7387	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R7398, 9	ERJ3GEYJ220	M 22 OHM, J, 1/16W	2	
R7401	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7402	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7405-13	ERJ3GEY0R00	M 0 OHM, 1/16W	9	
R7416, 1	EXB38V470J	RESISTOR ARRAY	2	
R7420, 2	EXB38V470J	RESISTOR ARRAY	2	
R7422	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7424, 2	EXB38V470J	RESISTOR ARRAY	2	
R7428, 2	EXB38V470J	RESISTOR ARRAY	2	
R7430-33	D0GZ6R8JA020	M 6.8 OHM, J, 0.5W	4	
R7434	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7438, 3	EXB38V470J	RESISTOR ARRAY	2	
R7453-59	EXB38V681J	RESISTOR ARRAY	7	
R7460, 6	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R7462-69	D0GZ6R8JA020	M 6.8 OHM, J, 0.5W	8	
R7470, 7	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R7472	D0GF103JA047	M 10 KOHM, J, 0.33W	1	
R7473, 7	EXB38V681J	RESISTOR ARRAY	2	
R7477, 7	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R7479-86	D0GZ6R8JA020	M 6.8 OHM, J, 0.5W	8	
R7487, 8	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R7490	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R7491	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R7492	EXB38V681J	RESISTOR ARRAY	1	
R7493-98	ERJ3GEYJ220	M 22 OHM, J, 1/16W	6	
R7501	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7502, 0	EXB38V470J	RESISTOR ARRAY	2	
R7504, 0	EXB38V681J	RESISTOR ARRAY	2	
R7506	EXB38V470J	RESISTOR ARRAY	1	
R7507	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7508-11	D0GZ6R8JA020	M 6.8 OHM, J, 0.5W	4	
R7512	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7515	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7516-19	D0GZ6R8JA020	M 6.8 OHM, J, 0.5W	4	
R7520	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7523, 2	EXB38V470J	RESISTOR ARRAY	2	
R7525	EXB38V681J	RESISTOR ARRAY	1	
R7526	EXB38V470J	RESISTOR ARRAY	1	
R7527	EXB38V681J	RESISTOR ARRAY	1	
R7528	EXB38V470J	RESISTOR ARRAY	1	
R7529	EXB38V681J	RESISTOR ARRAY	1	
R7530-35	EXB38V470J	RESISTOR ARRAY	6	
R7536	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7537-40	D0GZ6R8JA020	M 6.8 OHM, J, 0.5W	4	
R7541	EXB38V681J	RESISTOR ARRAY	1	
R7542	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7543	EXB38V681J	RESISTOR ARRAY	1	
R7544	EXB38V102J	RESISTOR ARRAY	1	
R7545-48	D0GZ6R8JA020	M 6.8 OHM, J, 0.5W	4	
R7549	EXB38V470J	RESISTOR ARRAY	1	
R7550	EXB38V681J	RESISTOR ARRAY	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7553	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7554-57	D0GZ6R8JA020	M 6.8 OHM, J, 0.5W	4	
R7558-60	ERJ3GEYJ470	M 47 OHM, J, 1/16W	3	
R7561	EXB38V681J	RESISTOR ARRAY	1	
R7562, 6	EXB38V470J	RESISTOR ARRAY	2	
R7564, 6	EXB38V681J	RESISTOR ARRAY	2	
R7567	EXB38V470J	RESISTOR ARRAY	1	
R7570	EXB38V102J	RESISTOR ARRAY	1	
R7571-76	EXB38V470J	RESISTOR ARRAY	6	
R7577-87	EXB38V681J	RESISTOR ARRAY	11	
R7592	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R7593	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R7594-99	ERJ3GEYJ220	M 22 OHM, J, 1/16W	6	
R7603	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R7604	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7605, 0	ERJ3GEYJ220	M 22 OHM, J, 1/16W	2	
R7607	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7608-15	D0GZ6R8JA020	M 6.8 OHM, J, 0.5W	8	
R7616, 1	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R7618	D0GF103JA047	M 10 KOHM, J, 0.33W	1	
R7623, 2	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R7625-32	D0GZ6R8JA020	M 6.8 OHM, J, 0.5W	8	
R7633, 3	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R7636	EXB38V470J	RESISTOR ARRAY	1	
R7637-42	EXB38V681J	RESISTOR ARRAY	6	
R7643	EXB38V470J	RESISTOR ARRAY	1	
R7644, 4	EXB38V681J	RESISTOR ARRAY	2	
R7646, 4	EXB38V470J	RESISTOR ARRAY	2	
R7648	EXB38V681J	RESISTOR ARRAY	1	
R7650, 5	EXB38V470J	RESISTOR ARRAY	2	
R7654, 5	EXB38V470J	RESISTOR ARRAY	2	
R7658, 5	EXB38V470J	RESISTOR ARRAY	2	
R7660	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7661-64	D0GZ6R8JA020	M 6.8 OHM, J, 0.5W	4	
R7665	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R7686	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R7687	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R7696	EXB38V681J	RESISTOR ARRAY	1	
R7697-99	ERJ3GEYJ220	M 22 OHM, J, 1/16W	3	
R8001-04	ERJ3GEYJ101	M 100 OHM, J, 1/16W	4	
R8005	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R8009-12	ERJ3GEYJ101	M 100 OHM, J, 1/16W	4	
R8017, 1	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	2	
R8021	ERJ3GEYJ222	M 2.2KOHM, J, 1/16W	1	
R8025	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R8026	ERJ3GEYJ331	M 330 OHM, J, 1/16W	1	
R8029	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R8031	ERJ6ENF2201	M 2.2KOHM, 1/10W	1	
R8033	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R8035	ERJ6ENF3300	M 330 OHM, 1/10W	1	
R8036	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R8037	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R8039	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R8041	ERJ3GEYJ183	M 18KOHM, J, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8045	ERJ3GEYJ222	M 2.2KOHM, J, 1/16W	1	
R8047	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R8048	ERJ3GEYJ222	M 2.2KOHM, J, 1/16W	1	
R8050	ERJ3GEYJ222	M 2.2KOHM, J, 1/16W	1	
R8051	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R8054	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R8055, 56	ERJ3GEYJ101	M 100 OHM, J, 1/16W	2	
R8057	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R8060	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R8065	ERJ3GEYJ151	M 150 OHM, J, 1/16W	1	
R8067	ERJ3GEYJ151	M 150 OHM, J, 1/16W	1	
R8069	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R8089	ERJ3GEYJ181	M 180 OHM, J, 1/16W	1	
R8093	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R8097, 98	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R8100	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R8112	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R8117-20	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R8121, 22	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	2	
R8124-27	ERJ6GEYJ101	M 100 OHM, J, 1/10W	4	
R8129	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R8180	ERJ8GEYJ820V	M 82 OHM, J, 1/8W	1	
R8181	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R8182	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R8183, 84	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R8185, 86	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	2	
R8187, 88	ERJ6GEYJ560	M 56 OHM, J, 1/10W	2	
R8189, 90	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R8200	ERJ3GEYJ563	M 56KOHM, J, 1/16W	1	
R8201	ERJ3GEYJ473	M 47KOHM, J, 1/16W	1	
R8202	ERJ3GEYJ223	M 22KOHM, J, 1/16W	1	
R8203	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R8204	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R8205	ERJ3GEYJ753	M 75KOHM, J, 1/16W	1	
R8206	ERJ3GEYJ393	M 39KOHM, J, 1/16W	1	
R9060-67	ERJ3GEYJ101	M 100 OHM, J, 1/16W	8	
R9070	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R9074	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R9076	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R9094	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9096	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9098	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9099	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R9101	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9102	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R9105	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R9107	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	1	
R9108, 09	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R9110	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9111	ERJ3GEYJ223	M 22KOHM, J, 1/16W	1	
R9113	ERJ3GEYJ100	M 10 OHM, J, 1/16W	1	
R9114-17	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9118, 19	ERJ3EKF1001	M 1KOHM, 1/16W	2	
R9120	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R9121	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R9122-25	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9126	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R9127	ERJ3GEYJ683	M 68KOHM, J, 1/16W	1	
R9129	ERJ3GEYJ683	M 68KOHM, J, 1/16W	1	
R9130	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R9134	ERJ3GEYJ333	M 33KOHM, J, 1/16W	1	
R9140	ERJ6GEY0R00	M 0 OHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9141	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R9143-45	ERJ3GEYJ101	M 100 OHM, J, 1/16W	3	
R9148	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9149	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R9150, 51	ERJ3GEYJ220	M 22 OHM, J, 1/16W	2	
R9154, 55	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	2	
R9156	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9158, 59	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R9160, 61	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9162	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9165, 66	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R9167	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R9169	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9170-72	ERJ3GEYJ393	M 39KOHM, J, 1/16W	3	
R9174-76	ERJ3GEYJ103	M 10KOHM, J, 1/16W	3	
R9177	ERJ3GEYJ223	M 22KOHM, J, 1/16W	1	
R9178	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9179	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R9180	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9181-84	ERJ3GEYJ102	M 1KOHM, J, 1/16W	4	
R9185, 86	ERJ3GEYJ220	M 22 OHM, J, 1/16W	2	
R9187, 88	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	2	
R9189, 90	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R9192	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9193	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9194	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9196	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9198	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R9199	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	1	
R9201, 02	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	2	
R9203	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R9204, 05	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	2	
R9206, 07	ERJ3GEYJ102	M 1KOHM, J, 1/16W	2	
R9209	ERJ3GEYJ100	M 10 OHM, J, 1/16W	1	
R9210	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	1	
R9215	ERJ3GEYJ123	M 12KOHM, J, 1/16W	1	
R9217-22	ERJ3GEYJ103	M 10KOHM, J, 1/16W	6	
R9236	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9237	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9244, 45	ERJ3GEYJ101	M 100 OHM, J, 1/16W	2	
R9247, 48	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	2	
R9367	ERJ6GEYJ181	M 180 OHM, J, 1/10W	1	
R9371	EXB2HV470JV	RESISTOR ARRAY	1	
R9372	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R9373	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R9374	EXB38V470J	RESISTOR ARRAY	1	
R9375	ERJ3GEYJ151	M 150 OHM, J, 1/16W	1	
R9389-91	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	3	
R9393-97	D1HG8208A002	NETWORK RESISTER	5	
R9398	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R9399	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R9400	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9404	EXB2HV470JV	RESISTOR ARRAY	1	
R9409, 10	EXB38V820J	RESISTOR ARRAY	2	
R9412-21	EXB38V470J	RESISTOR ARRAY	10	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9428	EXB38V103J	RESISTOR ARRAY	1	
R9430	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9433	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	1	
R9437, 38	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	2	
R9442-49	ERJ3GEYJ220	M 22 OHM, J, 1/16W	8	
R9450	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R9451	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R9452	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9453-58	D1HG8208A002	NETWORK RESISTER	6	
R9459	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R9460	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R9461	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9462	D1HG8208A002	NETWORK RESISTER	1	
R9463	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R9464	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R9465	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9466-71	D1HG8208A002	NETWORK RESISTER	6	
R9472, 73	EXB38V820J	RESISTOR ARRAY	2	
R9474	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R9475	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9481	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9484, 85	ERJ3EKF1001	M 1KOHM, 1/16W	2	
R9486	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R9487	ERJ3GEYJ151	M 150 OHM, J, 1/16W	1	
R9488	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R9489-95	ERJ3GEYJ470	M 47 OHM, J, 1/16W	7	
R9496	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R9497	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9506	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R9507	ERJ3GEYJ560	M 56 OHM, J, 1/16W	1	
R9515	EXB2HV470JV	RESISTOR ARRAY	1	
R9523	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9525	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9526	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9527, 28	EXB2HV222JV	RESISTOR ARRAY	2	
R9529, 30	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R9531-33	ERJ3GEYJ470	M 47 OHM, J, 1/16W	3	
R9534	EXB38V470J	RESISTOR ARRAY	1	
R9535, 36	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R9539	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9540	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9542	ERJ3GEYJ680	M 68 OHM, J, 1/16W	1	
R9543, 44	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R9545	ERJ3GEYJ304V	M 300KOHM, J, 1/16W	1	
R9548-50	ERJ3GEYJ103	M 10KOHM, J, 1/16W	3	
R9552-55	ERJ3GEYJ470	M 47 OHM, J, 1/16W	4	
R9558	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R9560	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9561-67	ERJ3GEYJ220	M 22 OHM, J, 1/16W	7	
R9568	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R9569	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R9570	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9571-73	D1HG8208A002	NETWORK RESISTER	3	
R9574	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9575-77	D1HG8208A002	NETWORK RESISTER	3	
R9579	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9580, 81	ERJ3EKF1001	M 1KOHM, 1/16W	2	
R9584	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9585, 86	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R9587-95	EXB38V470J	RESISTOR ARRAY	9	
R9596-99	ERJ3GEYJ470	M 47 OHM, J, 1/16W	4	
R9602	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9603	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9604, 05	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9606	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R9607	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R9608-15	EXB2HV470JV	RESISTOR ARRAY	8	
R9616	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9619, 20	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	2	
R9622	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9624, 25	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R9628-30	ERJ3GEYJ103	M 10KOHM, J, 1/16W	3	
R9631	EXB2HV222JV	RESISTOR ARRAY	1	
R9632-34	ERJ3GEYJ470	M 47 OHM, J, 1/16W	3	
R9637	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R9638	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9639	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R9641	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R9642	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9644	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9645	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9647	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9652	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9653	D1HG1038A002	NETWORK RESISTER	1	
R9800	ERJ3EKF1302	M 13KOHM, 1/16W	1	
R9801	ERJ3EKF2402	M 24KOHM, 1/16W	1	
R9802	ERJ3EKF6202	M 62KOHM, 1/16W	1	
R9803	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9804	ERJ3EKF2402	M 24KOHM, 1/16W	1	
R9805	ERJ3EKF3002	M 30KOHM, 1/16W	1	
R9806	ERJ3EKF3902	M 39KOHM, 1/16W	1	
R9807	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9808	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R9810	ERJ3EKF3001	M 3KOHM, 1/16W	1	
R9813	ERJ3EKF2401	M 2.4KOHM, 1/16W	1	
R9814	ERJ3EKF6802	M 68KOHM, 1/16W	1	
R9815	ERJ3EKF2202	M 22KOHM, 1/16W	1	
R9816	ERJ3EKF8202	M 82KOHM, 1/16W	1	
R9823-28	ERJ3GEYJ101	M 100 OHM, J, 1/16W	6	
R9830, 31	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R9838, 39	ERJ3GEYJ101	M 100 OHM, J, 1/16W	2	
R9840	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R9841	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9842-44	ERJ3GEYJ101	M 100 OHM, J, 1/16W	3	
R9845	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	1	
R9846, 47	EXB2HV222JV	RESISTOR ARRAY	2	
R9848, 49	EXB2HV470JV	RESISTOR ARRAY	2	
R9850	ERJ3GEYJ473	M 47KOHM, J, 1/16W	1	
R9854	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R9859	EXB38V101J	RESISTOR ARRAY	1	
R9868	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R9869-71	ERJ3GEYJ103	M 10KOHM, J, 1/16W	3	
R9872	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9873	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R9875-77	ERJ3GEYJ103	M 10KOHM, J, 1/16W	3	
R9878	ERJ3EKF3902	M 39KOHM, 1/16W	1	
R9879	ERJ3EKF2002	M 20KOHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9880	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R9883	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9884	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R9891	ERJ3EKF4702	M 47KOHM, 1/16W	1	
R9892	ERJ3EKF1502	M 15KOHM, 1/16W	1	
R9893	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R9896	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9897	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R9898	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
RF1601	A5MC100JP2	139C 10	1	△
RF1701	A5MC100JP2	139C 10	1	△
RM001	PNA4701M05TV	REMOCO RECEIVER	1	
RTL	ZTXMM631MG1	CIRCUIT BOARD P MULTI	1	△
RTL	ZTXMM631MG2	CIRCUIT BOARD P SUS	1	△
RTL	TNPA3655AE	CIRCUIT BOARD PB	1	△
RTL	TNPA4003	CIRCUIT BOARD C1	1	△
RTL	TNPA4004	CIRCUIT BOARD C2	1	△
RTL	TNPA4005	CIRCUIT BOARD C3	1	△
RTL	TNPA4006	CIRCUIT BOARD C4	1	△
RTL	TNPA4007	CIRCUIT BOARD C5	1	△
RTL	TNPA4008	CIRCUIT BOARD C6	1	△
RTL	TNPA4009	CIRCUIT BOARD SU	1	△
RTL	TNPA4010	CIRCUIT BOARD SD	1	△
RTL	TNPA4011	CIRCUIT BOARD SC	1	△
RTL	TNPA4012	CIRCUIT BOARD SS	1	△
RTL	TNPA4013	CIRCUIT BOARD SS2	1	△
RTL	TNPA4014	CIRCUIT BOARD SS3	1	△
RTL	TZTNP02YPTU	CIRCUIT BOARD D	1	△
RTL	TZTNP01YPTU	CIRCUIT BOARD DN	1	△
RTL	TNPA3977	CIRCUIT BOARD DS	1	△
RTL	TXNHD1YPT	CIRCUIT BOARD HDD	1	PAVCCZ △
RTL	TNPA3003AC	CIRCUIT BOARD H3	2	△
RTL	TXNHA1YPT	CIRCUIT BOARD HA	1	PAVCCZ △
RTL	TZTNP01YPTJ	CIRCUIT BOARD HX	1	△
RTL	TNPA4056	CIRCUIT BOARD V	1	△
RTL	TNPA4057	CIRCUIT BOARD S1	1	△
S34	K1KA03BA0061	3P CONNECTOR	1	
SC2	K1KA02A00626	2P CONNECTOR	1	
SC20	K1KA20AA0008	20P CONNECTOR	1	
SC23	K1KA03AA0193	3P CONNECTOR	1	
SC30	K1KA08AA0192	8P CONNECTOR	1	
SC41-44	K1ML80B00001	80P CONNECTOR	4	
SC45, 46	K1KA09A00239	9P CONNECTOR	2	
SCMM4	TMM7464-2	CLAMPER	1	
SCMM5	TMME047	CLAMPER	1	
SCMM6	TMME190	CLAMPER	1	
SCMM7	TMME047	CLAMPER	1	
SD1-D5	K1MNA8BA0250	8P CONNECTOR	5	
SD46	K1KB09A00045	9P CONNECTOR	1	
SS11	K1KA02A00626	2P CONNECTOR	1	
SS12	K1KA10AA0194	10P CONNECTOR	1	
SS21	K1KA07A00170	7P CONNECTOR	1	
SS23	K1KB07AA0087	7P CONNECTOR	1	
SS25	K1KA07A00170	7P CONNECTOR	1	
SS27	K1KB07AA0087	7P CONNECTOR	1	
SS2MM1, M2	TMME190	CLAMPER	2	
SS34	K1KA03AA0193	3P CONNECTOR	1	
SS35	K1KA08AA0193	8P CONNECTOR	1	
SS3MM1, M2	TMME190	CLAMPER	2	
SS42	K1KA08AA0193	8P CONNECTOR	1	
SS44	K1KA20AA0009	20P CONNECTOR	1	
SS51-58	K1MN13B00020	13P CONNECTOR	8	
SU1-U5	K1MNA8BA0250	8P CONNECTOR	5	
SU45	K1KB09A00045	9P CONNECTOR	1	
SW061	K0F162B00002	SWITCH	1	
SW1550-54	EVQPB05R	SWITCH	5	
T201	ETB57LZ1AGAD	TRANSFORMER	1	△
T202	ETB57LZ19GAD	TRANSFORMER	1	△
T301	ZTS9766H	TRANSFORMER	1	△

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
T501	ETB25KA1B8AD	TRANSFORMER	1	△
T6602	ETS28AU389AC	SWITCHING TRANS	1	
V34	K1KA08BA0047	8P CONNECTOR	1	
VR251	EVMEASA01B25	VARIABLE RESISTOR	1	
VR351	EVMEASA01B14	VARIABLE RESISTOR	1	
VR401	EVMEASA01B24	VARIABLE RESISTOR	1	
VR6000	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
VR6600	EVMEASA00B13	CONTROL 1KOHMB 0.3W	1	
VR6602	EVMEASA00B23	CONTROL 2KOHMB 0.3W	1	
X2301	H0J184500026	CRYSTAL	1	
X4002	H0J270500087	CRYSTAL	1	
X4701	H0J100500030	CRYSTAL	1	
X5701	H0J200500038	CRYSTAL	1	
X8181	H0J327200114	CRYSTAL	1	
X9000	H2D200500011	CRYSTAL	1	
X9500	H0J200500038	CRYSTAL	1	
Z1601	ERZVGED751	VARISTOR	1	△
Z1602	ERZVGAD471	VARISTOR	1	△
Z501, 02	ERZVGAD471	VARISTOR	2	
ZA3001-09	K4CD01000013	TERMINAL	9	
ZA6101-03	K4CD01000011	TERMINAL	3	
ZA6401-03	K4CD01000011	TERMINAL	3	
ZA7101-06	K4AD01Z00001	TERMINAL	6	
ZA7201-06	K4AD01Z00001	TERMINAL	6	
ZA7301-06	K4AD01Z00001	TERMINAL	6	
ZA7401-06	K4AD01Z00001	TERMINAL	6	
ZA7501-06	K4AD01Z00001	TERMINAL	6	
ZA7601-06	K4AD01Z00001	TERMINAL	6	
ZA9001	K4CD01000011	TERMINAL	1	
ZD1602	MA4047N	ZENER DIODE	1	
ZD1701	MA4047N	ZENER DIODE	1	
ZD201, 02	MA4270N	ZENER DIODE	2	
ZD207	MA4270N	ZENER DIODE	1	
ZD303, 04	MA4270N	ZENER DIODE	2	
ZD351-54	MA8150	ZENER DIODE	4	
ZD401	MA4033	ZENER DIODE	1	
ZD402	MA8360	ZENER DIODE	1	
ZD501, 02	MA8270	ZENER DIODE	2	
ZD503	MA4120N	ZENER DIODE	1	